ANALYSIS
OF THE
PHARMACOPŒIA

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THE PRESCRIBER'S ANALYSIS

OF THE

BRITISH PHARMACOPŒIA.

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THE PRESCRIBER'S ANALYSIS OF THE BRITISH PHARMACOPŒIA.

BY

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THE

PRESCRIBER'S ANALYSIS

OF THE

BRITISH PHARMACOPŒIA.

The differences between the new Pharmacopœia and the old ones are so great, as to render a careful study of them necessary on the part of prescribers, in order to prevent mistakes, which it will be very difficult to avoid for some time to come; and the object of the present analysis is to enable the prescriber, at a glance, to see whether any change has been made in the formulæ that he has been accustomed to use, and if so, what is its nature and extent. In many cases no mistake can arise from the differences that have been introduced, because the names are changed as well as the forms; but in some instances the old name has been retained, whilst the strength or nature of

the medicine has been materially altered. In such a case it will be almost impossible to avoid mistake except by adopting the very simple precaution of adding the letters Ph. Br. or Ph. L., etc., to the preparation ordered. For example, Tincture of Aconite is retained as the name for a preparation, which is only about one-quarter the strength of the Dublin Tinct. Aconiti, and only about one-third the strength of the London Tinct. Aconiti. The dispensing druggist will therefore be unable to decide which of the three forms is intended, for many persons will continue from habit to prescribe the forms to which they have been accustomed; and the dispenser will have to run the risk of using too weak a preparation, because it is now the authoritative one, and he will prefer to be on the safe side in case of doubt; or he will employ the old forms on the supposition that they have been meant, and so incur the hazard of giving an overdose of a dangerous medicine.

The instances, however, in which this precaution will be necessary, are not numerous; and the subjoined list contains all in which an important deviation has been made from the strength of the old familiar formulæ, without such an accompanying change of name as will at once draw attention to the alteration.

Important Alterations in Strength or Composition of Preparations which still retain their Old Names.

Acidum Hydrocyanicum Dilutum contains 2 per cent. of real acid. It is, therefore, the same strength as that of the Ph. L., and a London prescriber will not alter his dose; but it is only about two-thirds the strength of the Edinburgh acid, and an Edinburgh prescriber must order at least half as much again as he has been accustomed to do. The strength of the Dublin acid varied; and no rule can be laid down.

Decoctum Scoparii contains no Juniper or Dandelion, both of which were contained in the Ph. L.; and it has no Bitartrate of Potash, which was ordered by the Ph. Ed.

Extractum Colchici, and

—— Colchici Aceticum, nearly twice as strong as formerly, owing to the separation of the starch, previous to the evaporation of the juice.

Infusum Aurantii now contains neither Lemon-peel nor Cloves, which completely changes its flavour, and alters its appearance when combined with Salts of Iron.

Infusum Calumbæ is nearly twice the strength of the Ph. L. and E.

—— Cuspariæ, is half as strong again as the old form.

—— Digitalis contains no spirit of Cinnamon as in the L. and E. forms; and is only half the strength ordered by the Ph. E. and D.

—— Quassiæ is three times the strength of the Ph. L., and twice the strength of the Ph. E.

Linimentum Cantharidis is now intended to act as a blistering liquid, and has no substantial resemblance whatever to the Lin. Canth., Ph. D.

—— Crotonis contains Olive Oil instead of Oil of Turpentine. It is therefore less irritating, and is much more safe for the attendant, whose face sometimes becomes inflamed from the irritant vapour arising from the Lin. Crotonis of the Ph. D.

—— Opii is twice the strength of the Ph. L., but only the same strength as that of the Ph. D.

—— Terebinthinæ is entirely different from that of the Ph. L., and differs widely from that of the Ph. E.

Liquor Ammoniæ Acetatis is now about five times as strong as Ph. L., and about six times as strong as D. and E.

—— Morphiæ Hydrochloratis is nearly identical with D. and E.; but only half the strength of Ph. L.

Spiritus Juniperi now contains ninety-five times as much Oil of Juniper as the old Sp. Junip.

Co., Ph. L.; ten minims now contain one minim of the oil; and the dose will be proportioned to the quantity of oil intended by the prescriber.

Spiritus Menthæ Piperitæ contains forty-seven times as much Oil of Mint as it did formerly. Ten minims contain one minim of oil.

—— Myristicæ, is now about one hundred and forty times as strong as the old L. and E. Spirit of Nutmeg. Ten minims contain one minim of Oil of Nutmeg.

—— Rosmarini contains thirty-one times its previous quantity of oil. Ten minims contain one minim of oil.

Tinctura Aconiti is now only one-third the strength of the Ph. L., one-fourth that of the Ph. D., and less than one-fifth that of Fleming's tincture.

—— Belladonnæ is about half the strength of the L. and D. tincture.

—— Conii Fructus is nominally the same strength as Tinct. Conii formerly, but it is now made from the Fruit instead of the Leaves, and is probably about half as strong again as before.

—— Digitalis is one-fourth stronger than the Ph. L.

—— Nucis Vomicæ is only about one-third as strong as formerly (really two-fifths as strong).

—— Opii is one-twelfth weaker than formerly, *i.e.* gr. iii. in f ℥i, in consequence of the change in the weight of the ounce; but in addition to this, it is slightly diluted after being made, by

the addition of simple spirit to make the tincture fill up a specified measure. This will not make much difference in prescribing, but it should be borne in mind.

Tinctura Rhei is essentially different from the Tinct. Rhei, Ph. E.

Vinum Opii now contains no spices. It is therefore very different in its effects as a stimulant opiate, from the old London Vin. Opii.

There are numerous other changes of strength and constituents in other preparations; but they are less important than the above, and will be mentioned in the detailed list of changes further on in this Analysis.

General Outline of Changes in the British Pharmacopœia, classified.

Several of the changes in the new Pharmacopœia require individual description, but many of them may be classified together in the following manner :—

Every *Sulphu*RETUM of the old Pharmacopœia has been changed into *Sulphu*RATUM or *Sulphu*RATA. Thus, Antimonii Sulphu*retum* Aureum, Ph. E., has become Antimonium Sulphu*ratum*, and Potassii Sulphu*retum* is now Potassa Sulphu*rata*.

*Chlo*RINATA is changed into *Chlo*RATA. So Liquor Sodæ Chlo*rinatæ* is now Liquor Sodæ Chlo*ratæ*.

*Chlo*RINEUM has become *Chlo*RUM, and Aqua Chlo*rinei* is now Liquor Chlo*ri*; and *Iod*INIUM has subsided into *Iod*UM, so that Tinctura Iod*inii* Comp. has become Tinctura Iod*i*.

The substances called *Tarta*RIZATUM are now called *Tarta*RATUM; so Antimonium Tarta*rizatum* is Antimonium Tarta*ratum*; and the compound name Potassio-tartras has been discontinued in favour of Tartaratum; so that Ferri Potassio-tartras is now Ferrum Tartaratum.

The vegetable alkaloids are all made to end in IA, whilst neutral vegetable principles are made to

end in UM. So *Aconi*TINA is now *Aconi*TIA, that it may correspond with Morphia, and Strychnia, &c., whilst Santonica furnishes *Santonin*UM, a neutral substance, and Digitalis supplies Digitalin*UM*.

Names ending in AS are now made feminine instead of neuter: Ferri Sulphas Granula*tum*, Ph. D., is now Ferri Sulphas Granula*ta*.

The *Acids* (diluted) are altered in their proportions so as to make them correspond very nearly in neutralizing power, in order that the doses may be alike. Some are therefore strengthened, and others weakened, in order that the dose of each may be ♏xx or ♏xxx.

The *Cerates* are all omitted or changed into ointments.

The *Distilled Waters* are all, except two, to be distilled, and contain no spirit. They are not to be made henceforth from the volatile oil, by trituration with magnesia, etc.

The *Essences* of the Ph. D. are all omitted by name, but several of them are retained under the name of Spirits.

The *Lozenges* of the Ph. E. are nearly all omitted.

The *Infusions* vary exceedingly in the proportions of ingredients ordered, and the length of time they are to infuse. As a general rule, the length of time has been very much shortened.

The *Spirits*. Some of them are increased in strength from 30- to above 140-fold.

The *Tinctures*, as a general rule, are made by

percolation. Many of them vary considerably from their former strengths. As a general rule, the narcotic tinctures or solutions are reduced in strength rather than increased. An attempt has been made by the compilers of the Pharmacopœia to produce such a degree of uniformity as shall cause the average dose of dangerous tinctures to range from ♏xv to ♏xxv; whilst the average dose of tinctures of less importance will be from f℥i to f℥ii. (Preface to B. Ph.) Amongst the important *exceptions* to this rule must be noted:

Tinctura Aconiti: dose, ♏v to ♏x, seldom ♏xv.

—— Iodi: ♏x to ♏xx.

—— Opii: dose as formerly, according to the object in view.

The *Unguenta.* The Ointments of the Alkaloids are now all made of a uniform strength, viz. one grain of the Alkaloid to sixty grains of Lard.

Change of Weights.

The alteration in the system of weights will probably be perfectly unimportant in prescribing, for as the grain is unchanged, any known multiple of it will still be unchanged also; and although the scruple and drachm are now no longer used by authority, they will doubtless continue to be employed in prescribing; for ℈i will still remain a convenient and well-known symbol for twenty grains, as ʒi will also be an equally unmistakable symbol for sixty grains. No mistake can possibly arise from continuing to employ them. It is only when the symbol ℥i is used that confusion may result; but since it is chiefly purgatives and tonics that are ordered in such quantities as ounces, the nature of the medicinal agent prescribed renders as mall variation of dose, either in excess or deficiency, of little practical consequence; and the error, at the worst, only amounts to about one-twelfth of the dose prescribed. The Pharmacopœia directs the symbol oz. instead of ℥ to be used to indicate the ounce; and it is desirable that it should be employed, as it will entirely obviate the chance of mistake between it and the drachm ʒ. The Avoirdupois pound now used differs, it is true, very widely from the Troy pound hitherto employed; but as physicians never prescribe

pounds of a remedy in their prescriptions, the change in this weight will not affect them as prescribers; and the alteration in the weights employed has been taken into account in constructing the Pharmacopœia, so that the result does not vary from the old one in consequence of the change of weight. The liquid measures remain as before, and require no comment.

A striking feature in the new Pharmacopœia is the small number of modern medicines upon which the Medical Council has placed the seal of its approbation by introducing them into the work; and some are omitted, which will be looked for by those who have been so long accustomed to use them, as to think them pretty well established. The list of articles omitted from the new Pharmacopœia which formerly had a place in the old ones is considerable, and the present work shows evident marks of a desire to limit the number of remedies and their preparations, rather than to extend them.

Medicines in modern use, which have not been introduced into the British Pharmacopœia.

Acid, Carbolic, the modern name for a variety of Creasote
—— Chromic.
Actæa racemosa
Aloin
Aniline or its preparations
Bismuthi Carbonas
—— Liquor
Bromide of Ammonium
Calabar Bean
Cerium or its compounds
Chlorodyne
Cinchonine or its salts
Cotyledon Umbilicus
Fucus vesiculosus
Granulated forms of medicine
Hyponitrites of Potash or Soda
Hydrocotyle, syrup of
Hypophosphites of Lime, Soda, etc.
Iron, effervescing forms of
——, Lactate
——, Pyrophosphate
Larch, tincture of
Lithia, aerated water
Magnesia, effervescing Citrate
——, soluble forms of Carbonate
Manganese, Carbonate
Pepsin or Pepsin Wine
Peroxide of Hydrogen
Quinidine or its salts
Sarracenia purpurea
Sumbul or its preparations
Triticum repens
Veratrum viride.

ADDITIONS.

The following List contains the Substances and Preparations that have been Added in the British Pharmacopœia, which were not contained in either the London, Dublin, or Edinburgh Pharmacopœia, with their Doses and Properties.

Acidum Nitro-Hydrochloricum Dilutum. 5 parts of this dilute acid contain nearly 1 part of the strong mixed acids. Dose, ♏xx to ♏xxx.

—— Sulphurosum. A watery solution, for external use. Dose, f ℥i in an eight-ounce lotion.

Aconitia, and an ointment, gr. i in ʒi. Dose, gr. xxx, externally.

Ammoniæ Benzoas. Used in catarrhal affections of the bronchial and renal mucous membranes, and for phosphatic conditions of the urine. Dose, gr. xv to ℈ii.

—— Phosphas. Chiefly used in gout and rheumatism. Dose, gr. xv to ℈ii.

Antimonii Terchloridi Liquor. Introduced for preparing Oxide of Antimony.

Argenti Oxidum. Not previously in Ph. L., though contained in the Ph. D. Dose, gr. ss. I have generally been disappointed in its effects.

Arnica root. For making the tincture. Dose, ♏xxx.

Bela. Name for Bael. Astringent in diarrhœa and dysentery. Furnishes a fluid extract. Dose, f ℥ss to f ℥i.

Bebeeru Bark. Introduced for obtaining Beberiæ Sulphas.

Beberiæ Sulphas. Tonic; substitute for Quinine. Dose, gr. i to gr. iii.

Belladonna root. For making a liniment.

Bone Black. Ivory Black, a form of animal charcoal. Very useful in poultices for sloughing sores.

Bromine. For yielding Bromide of Potassium.

Collodium.

Condy's Disinfecting Liquid. By the name of Liquor Potassæ Permanganatis.

Cusso. A new name for Kousso. Dose, oz. ss to oz. i.

Digitalinum. The active principle of Digitalis. Dose, gr. $\frac{1}{100}$ to gr. $\frac{1}{50}$.

Extractum Belæ Liquidum. 1 oz. in f ℥i. Dose, f ℥ss to f ℥i.

—— Calumbæ. Dose, gr. v to gr. xx.

—— Cinchonæ Flavæ Liquidum. A teaspoonful of the fluid extract contains half an ounce of Bark. Dose, ♏xv.

—— Colocynth. Comp. Scarcely differs from the Pil. Coloc. Co., Ph. L.

—— Ergotæ Liquidum. f ʒi contains ʒi of Ergot. Dose, ♏xxx to f ʒi.

—— Filicis Liquidum. The Pharmacopœial name for Oil of Male Fern. Dose, f ʒss to f ʒi after a fast of six hours.

—— Opii Liquidum. 1 ounce of watery extract of Opium in a pint of very weak spirit. It is

nominally two-thirds the strength of Tinct. Opii, but as extract of Opium is used instead of crude Opium, it is very nearly the same strength. Dose, same as that of Laudanum.

Extractum Pareiræ Liquidum. 1 ounce of the extract contains an ounce of Pareira root. Dose, f ʒi.

Fel Bovinum Purificatum. This is not simply ox-gall evaporated, but it is the gall purified by spirit and then evaporated. Dose, gr. ii.

Ferri Arsenias. For chronic cutaneous scaly diseases; a green powder, insoluble in water. Not often used. Dose, gr. $\frac{1}{24}$ to gr. $\frac{1}{6}$.

—— et Quiniæ Citras. 6 grains contain 1 grain of Quinine. Dose accordingly.

—— Perchloridi Liquor. Only introduced for making a tincture.

——Phosphas. Tonic. A slate-blue powder, insoluble in water. Dose, gr. iii to gr. vi.

—— Phosphas, Syrup of. Phosphate of Iron dissolved by excess of Phosphoric Acid, gr. iiiss in f ʒi. Dose, f ʒi to f ʒii.

Fusel Oil, by the name of Fousel Oil. Introduced for the purpose of making Valerianate of Soda.

Hyposulphite of Soda. Dose, if used internally, gr. x to gr. xv; for external use, ʒi in f ℥i.

Infusion of Cusso or Kousso. One quarter oz. in f ℥iv. This dose is much below the one usually given.

—— Dulcamara. As a substitute for the Decoction.

——Uva Ursi. A substitute for Decoct. Uvæ-Ursi.

Kamela. Anthelmintic powder. Dose, ʒi to ʒiii.

Kousso. Introduced under the name of Cusso. Dose, oz. ss to oz. i.

Linimentum Aconiti. An alcoholic solution of Aconite root and Camphor. f℥i contains 1 ounce of Aconite root, and about a scruple of Camphor. It is about 8 times as strong as the Tinct. Aconiti of the new Pharmacopœia. As this liniment contains neither oil nor soap, it cannot be employed by means of friction, but must be applied by a camel's hair pencil. Dose externally, ♏xxx.

—— Belladonnæ. An alcoholic solution of Belladonna root and Camphor; the same proportions as Lin. Aconiti above. See remarks above on Lin. Aconiti. Dose externally, ♏xxx or more.

—— Chloroformi. Half and half Chloroform and Camphor Liniment; very stimulating, and sometimes excoriates. Dose externally, ♏xxx to f℥ii.

—— Iodi. A new name for a liniment of Iodine. It contains 10 times as much Iodine, and 4 times as much Iodide of Potassium as the old Tinct. Iodinii Comp. of the Ph. L., and is therefore a powerful counter-irritant. Dose externally, as much as may be requisite for painting the part affected. It frequently causes most acute pain for 10 or 15 minutes.

—— Terebinthinæ Aceticum. Contains Oil of Turpentine, strong Acetic Acid, and Camphor Liniment, of each equal parts. (See p. 50.)

Liquor Atropiæ. 4 grains to an ounce of *very weak* spirit. Dose, for dilating the pupil, gtt. i, placed in the eye; not intended for internal employment.

—— Calcis Saccharatus. 1 ounce contains about 7

grains of lime, and is therefore about 12 times as strong as lime-water. Dose, ♏xv to f℥ii, in a teacupful of milk.

Liquor Ferri Perchloridi. Introduced for the purpose of making a tincture.

—— Potassæ Permanganatis. An officinal form of Condy's Fluid, but twice its strength. (See p. 39.)

—— Sodæ Arseniatis. 4 grains of Arseniate of Soda to the ounce. The same strength as the old Liq. Potass. Arsenitis of the Ph. L. Dose, ♏v, to be increased carefully, or not at all.

—— Strychniæ. The same strength as Liq. Atropiæ, gr. iv in f℥i; but it contains a few drops of HCl to dissolve the Strychnia. Dose gtt. ii (gr. $\frac{1}{30}$) to gtt. vii (gr. $\frac{1}{8}$), twice a day.

Lithiæ Carbonas. Used in gout. Gr. x to gr. xv.

—— Citras. Used in gout. Gr. x to gr. xv.

Oil of Coriander.

Oil of Male Fern. Introduced under the name of Extractum Filicis Liquidum. Dose ♏xxx to f℥i, after a six hours' fast.

Permanganate of Potash. Only used to make the solution.

Pil. Aloes Barbadensis. Barbadoes Aloes flavoured with Oil of Caraway.

Pilula Ferri Iodidi. Nearly one-third the mass is Iodide of Iron. Dose, gr. iv.

Podophylli Resina, bilious purgative. The officia name for Podophyllin. Dose, gr. $\frac{1}{6}$ to gr. ss.

Podophyllum. The root. Only used for preparin the resin.

Potassæ Citras. Dose, gr. xx to ʒi or more.

—— Permanganas. Not prescribed internally in the solid form.

Potassii Bromidum. Dose, gr. iii to gr. vi; sometimes gr. x or more. Of doubtful efficacy in these large doses.

Pyroxylin. The Pharmacopœial name for Gun Cotton, for making Collodium.

Santoninum. Anthelmintic, for *round* worms only. Dose, gr. ii every other night for 3 doses.

Scammonii Radix. Introduced for yielding Resin of Scammony.

Sodæ Arsenias. For dry cutaneous diseases; should only be used in solution. Dose of the liquor, ♏v.

Spiritus Cajuputi. 1 part of Oil of Cajuput in 10. Dose, ♏x to ♏xxx.

—— Chloroformi. About half the strength that the unofficial Chloric Ether is generally supposed to be. Dose ♏xv to ♏xxx. A larger dose is unpalatable.

Succus Conii. A fluid form of Extract of Conium, obtained by pressing the fresh Hemlock, and adding to the juice a quarter of its bulk of spirit. Dose, ♏xxx to ♏xl. (See Note below.)

—— Scoparii. A similar preparation to the above. (See Note below.)

—— Taraxaci. Similar preparation to the above. Dose, a small dessert to a large tablespoonful. (See Note below.)

Note.—The proportion between the expressed juice, and the extract obtained from it by evaporation, varies with the season, the soil, and other circumstances. The doses here given are from averages obtained by Mr. Ransom and Mr. Stocker.

Suppositoria Acidi Tannici. Each suppository weighs nearly 14 grains, and contains 2 grains of Tannin.

—— Morphiæ. Each suppository weighs nearly 8 grains, and contains ¼ grain of Muriate of Morphia.

Syrupus Aurantii Floris. Syrup flavoured with orange-flower water.

—— Ferri Phosphatis. Gr. iiiss in f℥i. Dose, f℥i. to f℥ii.

Tinctura Arnicæ (radicis). Dose ♏xxx.

—— Conii Fructus. Made from the fruit, and not the leaves as heretofore. More uniform and trustworthy in its strength. Dose ♏xxx.

—— Sabinæ. Dose, ♏xxx.

—— Senegæ. Dose, ♏xxx to f℥i.

Trochisci Acidi Tannici. Each lozenge contains ½ grain of Tannic Acid.

—— Bismuthi. Each lozenge contains 2 grains of Nitrate of Bismuth.

—— Catechu. Each lozenge contains rather more than a grain of Catechu.

Unguentum Aconitiæ. Gr. i Aconitia to ʒi. Dose, ʒss at a time.

—— Atropiæ. Gr. i Atropia to ʒi. Dose, ʒss at a time.

—— Veratriæ. Gr. i Veratria to ʒi. Dose, ʒss at a time.

—— Calomelanos. Gr. x Calomel to ʒi.

—— Terebinthinæ. Resin ointment, made thinner and more stimulating by Oil of Turpentine.

OMISSIONS.

Substances and their Preparations Omitted from the New British Pharmacopœia.

Above sixty substances have been omitted from the Materia Medica, in the new Pharmacopœia, which were contained in the last edition of their works, issned by the Colleges of London, Edinburgh, or Dublin; and about one hundred and fifty preparations have also been struck out, which had a place in the same works. The following list contains the omissions, a few of which will be regarded with surprise by those who are accustomed to use them. For Oxymel Scillæ, Acetum Colchici, Atropiæ Sulphas, Pil. Ferri Comp., Plumbi Iodidum and its preparations, Tormentilla and Compound Sulphur Ointment are amongst those which have been erased.

Absinthium, L.
AcetumBritannicum,L.
—— Cantharidis, L.D.E.
—— Colchici, L.D.E.
——Destillatum,L.E.
—— Opii, E. D.
Acetum Scillæ, L.D.E
Acidum Aceticum Camphoratum, D., E.
—— Pyroligneum, E.
Ærugo, L.
Allium, E.
Aloe Hepatica, L.

Althæa, L.
Ammoniæ Bicarbonas, D. Name changed to Ammon. Carb.
—— Sesquicarbonas, name changed to Ammon. Carb.
Angelica, E.
Aqua Anisi, D.
—— Cassiæ, E.
—— Menthæ Pulegii, D.
—— Sodæ Effervescens, E.
Arsenici Chloridi Liquor, L.
Arsenici et Hydrargyri Hydriodatis. Liquor, D.
Atropiæ Sulphas, L.
Bismuthi Nitras or Trisnitras. Name changed to Bismuthum Album.
Calamina Ppt. and all its preparations, L.
Calamus aromaticus, E.
Calcii Chloridum, L. D. E.
Canella, L. E. D.
Carota, L.
Cassiæ Cortex and Oil, E.
Centaurium, E.
Cerates are omitted.
Chimaphila, L.
Cinnabar, E.
Confectio Amygdalæ, L. E. Name changed to Pulv. Amygdalæ Co.
—— Aromatica, L. D. E.
—— Aurantii L. E.
—— Cassiæ, L.
—— Catechu Comp., D. E.
—— Opii, L. E.
—— Rutæ.
Conserva Amygdalarum, E. See Conf. Amyg.
—— Aurantii, E.
Cornu, and Cornu Ustum, L.
Cupri Ammonio-sulphas, L. D. E.
Curcuma, L.
Cydonium, L.
Cyminum, L.
Decoctum Amyli, L.
—— Chimaphilæ, L.
—— Cinchonæ pallidæ, L. D. E.
—— Cinchonæ rubræ, L. E.
—— Cydonii, L.
—— Dulcamaræ, L. D. E. Changed to Infusion.

Decoctum Gallæ, L.
—— Granati (rind of fruit), L.
—— Guaiaci, E.
—— Hordei Comp., L.
—— Lini Comp., D.
—— Mezerei, E.
—— Myrrhæ, D.
—— Pyrolæ, D.
—— Senegæ, L. D. Changed to Infusion.
—— Tormentillæ, L.
—— Ulmi, L.
—— Uvæ-Ursi, L. D. Changed to Infusion.
Electuaries, E. Changed to Confections.
Electuarium Aromaticum, E.
—— Catechu, E.
—— Opii, E.
Emplastrum Ammoniaci, L. D. E.
—— Assafœtidæ, E.
—— Cantharidis Comp., E.
—— Cumini, L.
—— Gummosum, E. Name changed to Empl. Galbani.
—— Plumbi. Changed to Empl. Litharg.
—— Potassii Iodidi, L.
Emplastrum Simplex, E.
Enema Anodynum, E. Changed to Enema Opii.
—— Fœtidum, D. E. Changed to Enema Assafœtidæ.
Essentiæ, D. All omitted by name, though several of them are retained by the name of Spirits.
Euphorbium, E.
Extractum Cinchonæ (yellow bark), L. E.
—— Cinchonæ Pallidæ, L. E.
—— Cinchonæ Rubræ, L. E.
—— Colocynthidis (simple), L. E.
—— Digitalis, E.
—— Lactucæ, L.
—— Papaveris, L. E.
—— Pareiræ, L. E.
—— Styracis, E.
—— Uvæ-Ursi, L.
Ferri Ammonio-Chloridum, L.
—— Carbonas, D.
—— Sesquioxidum, L.
—— Sulphuretum, D. E.

Ferri Valerianas, D.
Granatum. The Rind of the Fruit, L.
Helleborus, L.
Hydrargyri Bisulphuretum, L.
—— et Arsenici Hydriodatis Liquor, D.
Hydrarygrum cum Magnesia, D.
Infusum Armoraciæ Comp., L.
—— Aurantii Comp., L. D. E.
—— Cinchonæ Spissatum, L.
—— Juniperi, D.
—— Menthæ viridis, D.
—— Pareiræ, D. E.
—— Pyrolæ, D.
—— Simaroubæ, D. E.
Inula, L.
Juniperi Cacumina, E. D.
—— Fructus, L. D. E.
Lactuca sativa, L. D.;
——virosa, D.
Lactucarium, D. E.
Lauri Baccæ, L.
Lavandula, E.
Linimentum Æruginis, L.
Linimentum Ammoniæ Sesquicarbonatis, L.
—— Ammoniæ Comp., E.
—— Anodynum, D. Changed to Lin. Opii.
—— Simplex, E.
Linum Catharticum, E.
Liquor Aluminis Comp. L.
—— Ammoniæ Citratis, L.
—— Ammoniæ Sesquicarbonatis, L.
—— Antimonii Tartarizati, D.
—— Arsenici Chloridi, L.
—— Arsenici et Hydrargyri Hydriodatis, D.
—— Calcii Chloridi, L. D. E.
—— Hydrargyri Bichloridi, L.
—— Morphiæ Acetatis.
—— Potassii Iodidii Comp., L. D.
—— Sodæ Carbonatis, D.
—— Zinci Chloridi, D.
Lupulina, D.
Malva, E.

Mel Rosæ, L. E.
Melissa, E.
Menyanthes, E.
Mistura Acaciæ. Name changed to Mucilago Acaciæ. (See p. 52.)
—— Camphoræ. Name changed to Aq. Camph.
—— Camphoræ c. Magnesia, E.
—— Ferri Aromatica, D.
—— Gentianæ Comp. L.
—— Hordei, E.
—— Spiritus Vini Gallici, L.
Morphiæ Acetas, L. D. E.
Mucilago Hordei, D.
Mucuna, L.
Oleum Æthereum, L.
—— Cassiæ, E.
—— Fœniculi, L. D.
—— Origani, E.
—— Pulegii, L.
—— Rosæ, E. D.
—— Sassafras, E.
—— Succini, D.
Origanum, E.
Oxymel Scillæ, L.
Petroleum, L.
Phosphorus, L.
Pilula Aloes, E.
—— Aloes et Ferri, E.
—— Aloes cum Sapone, L.
—— Calomelanos et Opii, E.
—— Conii Comp., L.
—— Cupri Ammoniati, E.
—— Digitalis et Scillæ, E.
—— Ferri Comp., L. (See p. 55.)
—— Ferri Sulphatis, E.
—— Galbani Comp., L.
—— Ipecacuanhæ cum Scilla, L.
—— Ipecacuanhæ et Opii, E.
—— Rhei, E.
—— Rhei et Ferri, E.
—— Saponis Comp., L., Name omitted; changed to Pil. Opii.
—— Styracis, E.
—— Styracis Comp., L.
—— Thebaicæ, E. Name changed to Pil. Opii.
Piper longum, L. E.

Pix Arida, E.
—— Nigra, L.
Plumbi Iodidum, L. D. E.
—— Nitras, D. E.
—— Oxidum Rubrum, E.
Potassa cum Calce, L. D. E.
Potassæ Aqua Effervescens, E.
—— Bisulphas, E.
Pulegium, L.
Pulveres Effervescentes. All omitted.
Pulvis Aloes Comp., L.
—— Aluminis Comp., E.
—— Cinnamomi Comp., L.
—— Cretæ Comp., L. D. E.
—— Cretæ Comp. c. Opio, L.
—— Cretæ Opiatus, D. E.
—— Ipecacuanhæ Comp. Name omitted; changed to P. Ipec. c. Opio.
—— Salinus Comp., E.
Pyrethrum, L.
Pyrola, D. E.
Quinæ Murias, D.
—— Valerianas, D.
Rhamni Baccæ, E.
—— Succus, L.
Rosæ Oleum, E. D.
Sagapenum, L.
Salicis Cortex, E.
Simarouba, E. D.
Sodæ Effervescens Aqua, E.
—— Sulphas.
Spigelia Marylandica, E.
Spiritus Æthereus Oleosus, D.
—— Ætheris Comp., L.
—— Ammoniæ, E.
—— Ammoniæ Fœtidus, L. D. E.
—— Anisi, L.
—— Cassiæ, E.
—— Cinnamomi, L. E.
—— Lavandulæ Comp., E. Name omitted; changed to Tinct. Lavand. Comp.
Spiritus Menthæ viridis, L.
—— Pimentæ, L. E.
—— Pulegii, L.
Spongia, E.
Stanni Pulvis, D. E.

Staphysagria, L. E.
Strychniæ Murias, D.
Succini Olerum, D.
Sulphuris Iodidum, L.D.
Syrupus Aceti, E.
—— Acidi Citrici, D.
—— Althææ, L. E.
—— Cocci, L.
—— Croci, L. D. E.
—— Ipecacuanhæ, E.
—— Morphiæ Acetatis, D.
—— Morphiæ Muriatis, D.
—— Rhamni, L. E.
—— Sarzæ, L. D. E.
—— Violæ, L. E.
Terebinthina Americana vel vulgaris.
—— Chia, L. E.
—— Veneta.
Tinctura Aloes Comp., L.
—— Aloes et Myrrhæ, E.
—— Ammoniæ Comp., L.
—— Camphoræ, D. E. Name omitted; changed to Spiritus Camph.
Tinct. Camphoræ Comp. L. Name omitted; changed to Tinct. Camph. cum Opio.
Tinct. Cardamomi, E.
—— Cassiæ, E.
—— Castorei Ammon. E.
—— Catechu Comp. Name changed to T. Catechu.
—— Cinnamomi Comp., L. E. D.
—— Colchici Comp., L. (Aromatic.)
—— Conii. (Made from the Leaves.)
—— Cubebæ, L. D.
—— Cuspariæ, E.
—— Ergotæ Ætherea, L.
—— Ferri Acetatis, D.
—— Ferri Ammonio-Chloridi, L.
—— Ferri Sesquichloridi. Name changed to T. Ferri Perchloridi.
—— Guaiaci, L. E.
—— Hellebori, L.
—— Iodinii, E.
—— Lactucarii, D.
—— Matico, D.
—— Opii Ammoniata, E.
—— Opii Camphorata, D. E. Name changed to Tinct. Camph. c. Opio.

Tinct. Quassiæ, E.
—— Quassiæ Comp., E.
—— Rhei et Gentianæ, D.
—— Rhei et Aloes, E.
Tormentilla, L.
Trochisci Acaciæ, E.
—— Acidi Tartarici, E.
—— Cretæ, E.
—— Glycyrrhizæ, E.
—— Lactucarii, E.
—— Magnesiæ, E.
—— Sodæ Bicarbonatis, E.
Unguentum Æruginis, E.
—— Ceræ Albæ, D.
—— Citrinum, E. Name changed to Ung. Hydrarg. Nitratis.
—— Conii, L.
—— Cupri Subacetatis, D.
—— Hydrarygri Iodidi, L.
—— Hydrargyri Nitratis Mitius, L.
Unguentum Hydrargyri Nitrico Oxidi, L. Name changed to Ung. Hydrarg. Oxidi Rubri.
—— Infusi Cantharidis, E.
—— Opii, L.
—— Picis, L.
—— Picis Liquid., L. D. E.
—— Plumbi Acetatis, D. E.
—— Plumbi Comp., L.
—— Plumbi Iodidi, L. D.
—— Sambuci, L.
—— Sulphuris Comp., L.
—— Sulphuris Iodidi L.
Vinum Gentianæ, E.
—— Rhei, D. E.
—— Tabaci, E.
—— Veratri, L.
Viola, L.

General List of Differences between the British Pharmacopœia and those of London, Edinburgh, or Dublin.

INCLUDING BOTH OMISSIONS, ADDITIONS, AND ALTERATIONS EITHER OF NAME, STRENGTH, OR INGREDIENTS, AND THE DOSES.

When the alteration is very important, either in strength or flavour, it is indicated by Italics.

Alterations in strength are indicated by the nearest simple fraction. Thus four twenty-ninths will be expressed by "about one-seventh," whilst five-thirds stronger will be "nearly twice the strength." When there is no change at all, or it is extremely small in amount, and does not affect the sensible properties of taste or smell, no allusion is made to it.

Doses.—When the change of strength is so small as to be of little consequence in a well-known preparation (*e.g.* one-seventh or one-eighth stronger or weaker), the alteration in strength is noticed, but no dose is given. When, however, the change is great, or the substance has not come into every-day use, the dose is added, whenever it appears desirable.

Absinthium, L. Omitted.
Acetum Britannicum, L. Omitted.
—— Cantharidis, L. D. E. Omitted.
—— Colchici, L. D. E. Omitted.
—— Destillatum, L. E. Omitted.
—— Opii, E. D. Omitted.
—— Scillæ, L. D. E. Omitted.
Acidum Aceticum. About one-fifteenth weaker than formerly, L.
—— Aceticum Camphoratum, D. E. Omitted.
—— Aceticum Dilutum. About one-third weaker than formerly.
—— *Hydrocyanicum Dilutum.* Same strength as L., *i.e.* 2 per cent., but only about two-thirds the strength of E. *Dose:* London and Dublin prescribers will not alter their usual dose; but Edinburgh prescribers must give half as much again as formerly.
—— Nitricum. Slightly stronger than L., and therefore more useful as a Caustic.
—— Nitricum Dilutum. Slightly stronger than D., and about one-third stronger than L. and E.
—— Nitro-Hydrochloricum Dilutum. Added. Intended to be nearly the same strength as the other diluted acids. *Dose,* ♏xx to ♏xxx.
—— Phosphoricum Dilutum, is about one-seventh stronger than formerly. *Dose,* ♏x to ♏xx.
—— Pyroligneum, E. Omitted.
—— Sulphuricum Aromaticum. Contains the same proportion of spices as formerly, but only about three-fourths the quantity of acid. *Dose* ♏xxx.
—— Sulphuricum Dilutum. Nearly same as D. and E.; about one-seventh weaker than L.

Acidum Sulphurosum. Added. A watery solution for external use. *Dose*, f ℥i, in an f ℥viii lotion.

Aconitia. New. Present name for Aconitina.

Ærugo, L. Omitted.

Allium, E. Omitted.

Aloe hepatica, L. Omitted.

Althæa, L. Omitted.

Ammoniæ Acetatis Liquor. About five times as strong as L., and about six times as strong as D. and E. *Dose*, f ℥ss to f ʒv in an f ℥viii mixture.

—— Benzoas. Added. Dose, gr. xv to ℈ii. See p. 19.

—— Bicarbonas, D. Name changed to Ammon. Carb.

—— Carbonas. Present name for Ammon. Bicarb., D., and Ammon. Sesquicarb., L.

—— Phosphas. Added. Dose, gr. xv to ℈ii. See p. 19.

—— Sesquicarbonas, L. Name changed to Ammon. Carb.

Angelica, E. Omitted.

Antimonii Oxysulphuretum, L. Name changed to Antimonium Sulphuratum.

—— *Potassio-Tartras*, L. Name changed to Antimonium Tartaratum.

—— Sulphuretum Aureum, E. Name changed to Antimonium Sulphuratum.

—— Sulphuratum Præcipitatum, D. Name changed to Antimonium Sulphuratum.

—— Terchloridi Liquor. Added for preparing Oxide of Antimony.

Antimonium Sulphuratum. Present name for

Antim. Oxysulph., L., and for Antim. Sulphuret. Aureum, E., and Antim. Sulphuret. Præcip., D.

Antimonium Tartaratum. Present name for Antim. Potass. Tart., Ph.L.

Aquæ generally. See remarks, p. 14.

Aqua Ammoniæ Acetatis, E. Name changed to Liq. Ammon. Acet., which is now six times as strong as the old Edinburgh preparation. *Dose*, f℥ss to f℥v, in an f℥viii mixture.

—— Anisi, D. Omitted.

—— Camphoræ. Present name for Mistura Camphoræ.

—— Cassiæ, L. Omitted.

—— Chlorinei, E. Name changed to Liquor Chlori.

—— Lauro-Cerasi, D. E. About one-fourth stronger than formerly, E.; and now contains no Spirit of Lavender, which was present in the Ph. E. Dose, ♏xx to ♏xxx.

—— Menthæ piperitæ. Only three-fourths old strength.

—— Menthæ Pulegii, D. Omitted.

—— Menthæ viridis. Only three-fourths old strength.

—— Rosæ. About one-fourth stronger.

—— Sambuci. About one-fourth stronger.

—— Sodæ Effervescens, E. Omitted.

Argenti Oxidum. Formerly in the Ph.D., but not in the Ph.L. *Dose*, gr. ss.

Arnica root. Added. For making a Tincture.

Arsenici Chloridi Liquor, L. Omitted.

—— et Hydrargyri Hydriodatis Liquor, D. Omitted.

Atropiæ Sulphas, L. Omitted.
Bebeeru Bark. Added for obtaining Beberiæ Sulphas.
Beberiæ Sulphas. Added. *Dose*, gr. i to gr. iii.
Bela, or Bael. Added. For making a liquid extract.
Belladonna root. Added. For making a liniment.
Bismuthi Nitras or Trisnitras. Name changed to Bismuthum Album.
Bismuthum Album. Present name for Bismuthi Nitr. or Trisnitr.
Bone Black or Ivory Black. Added. A form of Animal Charcoal, very good for poultices for sloughing sores.
Bromine. Added. For making Bromide of Potassium.
Bucco. The present name for Buchu.
Calamine and its preparations. Omitted.
Calamus Aromaticus, E. Omitted.
Calomelas, Calomel. Present names for Hydrargyri Chloridum.
Calx Chlorata. Present name for Calx Chlorinata.
Calcii Chloridum, L. D. E. Omitted.
Canella, L. D. E. Omitted.
Carota, L. Omitted.
Cassiæ Cortex and Oil, E. Omitted.
Cataplasma Conii. Powdered Leaf ordered instead of the extract.
Centaurium, E. Omitted.
Cerates are omitted.
Chimaphila, L. Omitted.
Chlorinei Aqua, E. Name changed to Chlori Liquor.
Chlori Liquor. Present name for Chlorinei Aqua.

Cinnabar, E. Omitted.
Collodium. Added.
Condy's Disinfecting Liquid. Added by the name of Liq. Potassæ Permanganatis. See p. 23.
Confectio Amygdalæ, L. E. Name changed to Pulvis Amygdalæ Co.
—— *Aromatica*, L. D. E. Omitted.
—— Aurantii, L. E. Omitted.
—— Cassiæ, L. Omitted.
—— Catechu Comp., D. and E. Omitted.
—— Opii, L. E. Omitted.
—— *Piperis*. Now contains no Inula root, and is flavoured with Caraway instead of Fennel.
—— Rutæ, L. Omitted.
—— Scammonii. Differs from Ph.L. in containing no Syrup of Roses.
—— Sulphuris. Flavoured with Orange instead of Saffron and Ginger.
Conserva Amygdalarum, E. Name changed to Pulv. Amygdal. Comp.
—— Aurantii, E. Omitted.
—— Rosæ, E. Name changed to Confectio Rosæ.
Cornu and Cornu Ustum, L. Omitted.
Corrosive Sublimate. The present name for Hydrargyri Bichloridum.
Cupri Ammonio-Sulphas, L. D. E. Omitted.
Curcuma, E. Omitted.
Cusso. Added. Present name for Kousso. *Dose*, oz. ss to oz. i.
Cydonium, L. Omitted.
Cyminum, L. Omitted.
Decoctum Aloes Comp. One-third stronger of Aloes than Ph.L. Gr. vss of Aloes in f ℥i.

Decoctum Amyli, L. Omitted.
—— Chimaphilæ, L. Omitted.
—— Cinchonæ Flavæ. Appearance very different from the old one, as it is now to be strained when cold, instead of whilst hot, which will produce a clear instead of a turbid decoction.
—— Cinchonæ Pallidæ, L. D. E. Omitted.
—— Cinchonæ Rubræ, L. E. Omitted.
—— Cydonii, L. Omitted.
—— Dulcamaræ, L. D. E. Changed to Infusion.
—— Gallæ, L. Omitted.
—— Granati (rind of fruit), L. Omitted.
—— Guaiaci, E. Omitted.
—— Hæmatoxyli. Contains Cinnamon, which the Ph.L. and D. did not.
—— Hordei Comp., L. Omitted.
—— Lini Comp., D. Omitted.
—— Mezerei, E. Omitted.
—— Myrrhæ, D. Omitted.
—— Pareiræ. One-fifth stronger than formerly.
—— Pyrolæ, D. Omitted.
—— Quercus. Considerably stronger than Ph.L.
—— Sarzæ, to be made from the *unsplit* root. Contains therefore less Starch than formerly.
—— *Scoparii.* Present name for Dec. Scopar. Co. Differs from Ph.L. in containing no Juniper or Dandelion, and from Ph.E. in containing no Cream of Tartar. Is therefore a less powerful diuretic.
—— Senegæ, L. D. Changed to Infusion.
—— *Taraxaci.* Only one-fourth strength of Ph. L., and one-eighth strength of E.
—— Tormentilla, L. Omitted.

Decoctum Ulmi, L. Omitted.
—— Uvæ-Ursi, L. D. Changed to Infusion.
Digitalinum. Active principle of Digitalis. Added. Dose, gr. $\frac{1}{100}$ to gr. $\frac{1}{50}$.
Electuaries, E. Name changed to Confections, when retained.
Electuarium Aromaticum, E. Omitted.
—— Catechu, E. Omitted.
—— Opii, E. Omitted.
—— Sennæ, E. Name changed to Confectio Sennæ.
Emplastrum Ammoniaci, L. D. E. Omitted.
—— Assafœtidæ, E. Omitted.
—— *Belladonnæ.* Same strength as L., twice as much Belladonna as E. and D.
—— *Calefaciens.* Only half the quantity of Cantharides of Ph.D., and therefore less liable to blister when long worn.
—— Cantharidis. Same strength as L. and D., one-fourth stronger than E.
—— Cantharidis Comp., E. Omitted.
—— Cumini, L. Omitted.
—— Galbani. Same formula as Empl. Gummosum, E. Less stimulant than Empl. Galbani, Ph.L.
—— Empl. Gummosum, E. Name changed to Empl. Galbani.
—— Lithargyri. New name for Empl. Plumbi.
—— Picis. Contains more Frankincense, and is therefore more stimulating than Ph.E.
—— Plumbi. Name changed to Empl. Lithargyri.
—— Potassii Iodidi, L. Omitted.
—— Simplex, E. Omitted.
Enema Anodynum, E. Name changed to Enema Opii.

Enema Fœtidum, D. and E. Name changed to Enema Assafœtidæ.

—— Magnesiæ Sulphatis. Present name for Enema Catharticum, D. E.

—— *Opii.* Same strength as Enema Anodyn., Ph.E., twice strength of Ph.L.

—— Tabaci. One-fifth stronger than Ph.L.

—— Terebinthinæ. Contains Starch instead of Yolk of Egg and Barley Water.

Essentiæ, D. All omitted by name, though several are retained under the altered name of Spirits.

Euphorbium, E. Omitted.

Extractum Anthemidis. Now has Oil of Camomile added.

—— *Belæ Liquidum.* Added. f℥i contains 1 oz. of Bael. Dose, f℥ss to f℥i.

—— Calumbæ. Dose, gr. v to ʒi.

—— Cinchonæ (Yellow Bark), L. E. Omitted.

—— Cinchonæ Pallidæ, L. E. Omitted.

—— Cinchonæ Rubræ, L. E. Omitted.

—— *Cinchonæ Flavæ Liquidum.* Added. ½ oz. of Bark in fʒi. Dose, ♏xv.

—— Colchici and

—— Colchici Aceticum are now nearly twice their former strength, in consequence of the new directions to separate the starch from the juice previous to evaporation.

—— Colocynthidis (simple), L. E. Omitted.

—— Colocynthidis Comp. Old form nearly restored. Scarcely differs from the Pil. Coloc. Co., Ph.L.

—— Digitalis, E. Omitted.

—— *Ergotæ Liquidum.* Added. 60 gr. of Ergot in fʒi. Dose ♏xxx to fʒi.

Extractum *Filicis Liquidum.* Added. Present name for Oil of Male Fern. Dose, ♏xxx to f℥i, after a six hours' fast.

—— Lactucæ, L. Omitted.

—— *Opii Liquidum.* Added. A watery extract of Opium, which appears to be intended as a substitute for Battley's Anodyne, and is probably the same strength as Laudanum. Dose, same as that of Laudanum.

—— Papaveris, L. E. Omitted.

—— Pareiræ, L. E. Omitted.

—— Pareiræ Liquidum. Added. f℥i contains 1 oz. of Pareira. Dose, f℥i.

—— *Sarzæ Liquidum.* Nearly the same as L., three times as strong as D., twice as strong as E.; f℥i contains 2 oz. of root.

—— Styracis, E. Omitted.

—— Uvæ-Ursi, L. Omitted.

Fel Bovinum Purificatum. Added. This is not merely inspissated ox-gall, but it is purified by the action of Rectified Spirit, and then evaporated. Dose, gr. ii.

Ferri Ammonio-Chloridum, L. Omitted.

—— Ammonio-Citras, L. D. Name changed to Ferri et Ammoniæ Citras.

—— Arsenias, added. A green powder, insoluble in water. Dose, gr. $\frac{1}{24}$ to gr. $\frac{1}{6}$.

—— Carbonas, D. Omitted.

—— et Ammoniæ Citras. The present name for Ferri Ammonio-Citras.

—— et Quiniæ Citras. Now made officinal. Gr. i of Quinia in gr. vi.

—— Oxidum Rubrum, E. Name changed to Ferri Peroxidum.

Ferri Perchloridi Liquor. Introduced for making a tincture.

—— Phosphas. Added. A powder insoluble in water. Dose, gr. iii to gr. vi.

—— Phosphas, Syrup of. Added. Phosphate of Iron dissolved by excess of Phosphoric Acid. Gr. iiiss in f℥i. Dose, f℥i to f℥ii.

—— Potassio-Tartras. L. Name changed to Ferrum Tartaratum.

—— Pulvis, D. Name changed to Ferrum Redacsum. Dose, gr. iii.

—— Sesquioxidum, L. Omitted.

—— Sulphuretum, D. E. Omitted.

—— Valerianas, D. Omitted.

Ferrugo, E. Name changed to Ferri Peroxidum Hydratum.

Ferrum Redactum. The present name for Ferri Pulvis, Quevenne's Iron. Dose, gr. iii.

—— Tartaratum. The present name for Ferri Potassio-Tartras.

Fousel Oil. Added for the purpose of making Valerianate of Soda.

Fusel Oil. Added by the name of Fousel Oil.

Granatum, the Rind of the Fruit, L. Omitted.

Helleborus, L. Omitted.

Hydrargyri Ammonio-Chloridum. Name changed to Hydrargyrum Ammoniatum.

—— Bichloridum. Name changed to Hydrargyrum Corrosivum Sublimatum.

—— Biniodidum. Name changed to Hydrargyri Iodidum Rubrum.

—— Binoxidum. Name changed to Hydrargyri Oxidum Rubrum.

Hydrargyri Bisulphuretum, L. Omitted.

—— *Chloridum.* Used in the new Pharmacopœia, wherever it is mentioned, as another name for Corrosive Sublimate. It cannot be too strongly impressed upon prescribers that they ought never in future to order Chloride of Mercury in a prescription, as the Pharmacopœia has now made it an officinal name for Corrosive Sublimate (see pp. 77 and 81, Ph. Br.), and a dispensing druggist would plead its authority in case of mistake.

—— et Arsenici Hydriodatis Liquor, D. Omitted.

—— Iodidum. Name changed to Hydrargyri Iodidum Viride.

—— Iodidum Rubrum. Present name for Hydrargyri Biniodidum.

—— Iodidum Viride. Present name for Hydrargyri Iodidum.

—— *Nitrico-Oxidum*, L. Name changed to Hydrargyri Oxidum Rubrum.

—— *Oxidum Rubrum.* Present name for Hydrargyri-Nitrico-Oxidum.

—— Subchloridum. Present synonym for Calomel.

—— Sulphas. Present name for Hydrargyri Bipersulphas, Ph. L.

Hydrargyrum Ammoniatum. Present name for Hydrargyri Ammonio-Chloridum, Ph. L., and for Hydrargyrum Præcipitatum Album, Ph. E.

—— *Corrosivum Sublimatum.* Present name for Hydrargyri Bichloridum, Ph. L.

—— Præcipitatum Album, E. Name changed to Hydrargyrum Ammoniatum.

—— cum Magnesia, D. Omitted.

Hyposulphite of Soda. Added, but only in the

Appendix, and for purposes of analysis. Not intended for medicinal employment. It is, however, sometimes used internally in the treatment of Sarcina Ventriculi. Dose, gr. x to gr. xv, or as a lotion in Scabies and Porrigo, ʒi in f ℥i.

Infusum Anthemidis. More than half as strong again (8 to 5), as Ph. L. and E. About one-fifth stronger than Ph. D.

—— Armoraciæ Comp., L. Omitted.

—— Aurantii, E. D. L. Twice strength of L. and E., one-fourth stronger than D., but contains neither Lemon Peel nor Cloves, formerly present in Ph. E. and D.

Infusum Aurantii Comp., L. D. E. Omitted.

—— Bucco. New name for Inf. Buchu, L. D. E.

—— *Calumbæ.* Nearly same as D., twice strength of L. and E.

—— Caryophylli. One-fourth stronger than L. and E.

—— Cascarillæ. One-third stronger than L. and E.

—— Catechu. Present name for Infus. Catechu Comp., Ph. L., little altered.

—— Chiratæ. Present name for Infus. Chirettæ, D. E.

——Chirettæ, D. E. Name changed to Chiratæ.

—— Cinchonæ Spissatum, L. Omitted.

—— Cuspariæ. Above half as strong again (8 to 5) as old form.

—— Cusso. Added. ¼ oz. of Kousso or Cusso the quantity ordered. A smaller dose than the one generally used.

—— *Digitalis.* Contains no Spirit of Cinnamon as in L. and E., and is only half the strength ordered by E. and D.

Infusum Dulcamaræ. Substitute for Decoct. Dulcamaræ; but is about one-half stronger than L. and E., and twice the strength of D.

—— Gentianæ Comp. Same as Ph. E. Flavour differs from L. and D., contains Coriander instead of the Lemon Peel of L. The Ph. D. had nothing but Gentian and Orange Peel.

—— Juniperi, D. Omitted.

—— Lupuli, L. One-third stronger than formerly.

—— Menthæ viridis, D. Omitted.

—— Pareiræ, D. E. Omitted.

—— Polygalæ, D. Changed to Infus. Senegæ.

—— Pyrolæ, D. Omitted.

—— *Quassiæ.* Nearly same as D., three times as strong as L., twice as strong as E.

—— *Rhei*, L. D. E. One-third stronger than L., but only one-half strength of E., and contains no Sp. Cinnamon, which was in E.

—— *Rosæ Acidum.* New name for Infus. Rosæ Comp., L. and E., but contains slightly less acid.

—— *Rosæ Comp.* Name changed to Infus. Rosæ Acidum.

—— Senegæ. One-fifth weaker than E.

—— *Sennæ.* New name for Infus. Sennæ Co., L. D. E. Same as D., but only half strength of Ph. L., and two-thirds strength of Ph. E.; flavour also different from E., as it now contains no Tamarinds or Coriander.

—— Simarubæ, D. E. Omitted.

—— Uvæ-Ursi. Substitute for Decoct. Uvæ-Ursi.

Inula, L. Omitted.

Iodineum. Name changed to Iodum.

Iodum. Present name for Iodineum.

Juniperi Cacumina, E. D. Omitted.
—— Fructus, L. D. E. Omitted.
Kamela. Added. Anthelmintic. *Dose*, ʒi to ʒiii.
Kousso. Added under the name of Cusso. Dose oz. ss to oz. i.
Lactuca sativa, L. D. Omitted.
—— virosa, D. Omitted.
Lactuarium, D. E. Omitted.
Lauri Baccæ, L. Omitted.
Lavandula, E. Omitted.
Linimentum Aconiti. Added. An alcoholic solution of Aconite root and Camphor, about 8 times as strong as the Tincture of Aconite of the new Pharmacopœia. One fluid ounce contains 1 oz. of Aconite root and about twenty grains of Camphor, which is probably added in this small quantity for the sake of its odour, to distinguish it from the weaker tincture, rather than for its medicinal properties. As this liniment contains no oil or soap, it cannot be used advantageously by way of friction, but must be painted on by a camel's hair pencil. Dose externally, ♏xxx.
—— Æruginis, L. Omitted.
—— Ammoniæ, L. D. E. One-third weaker than L. and E.
—— Ammoniæ Comp., E. An alcoholic liniment. Omitted. Is nearly represented by Lin. Camph. Comp.
—— Ammoniæ Sesquicarbonatis, L. Omitted.
—— Anodynum, D. Name changed to Linim. Opii.
—— *Belladonnæ*, added. An alcoholic solution of Belladonna root and Camphor, in the

same proportion as Linim. Aconiti above. It is 10 times as strong as Tinctura Belladonnæ. (See Linim. Aconiti.) Dose, externally applied, ♏xxx or more.

Linimentum Camphoræ Comp., L. D. Nearly represents the Lin. Ammon. Comp., Ph. E., which has been omitted. It contains nearly twice as much (5 to 3) strong Liq. Ammon. as the old London form, and is therefore much more stimulating.

—— *Cantharidis*, is now intended to act as a blistering fluid, and has no substantial resemblance to the old Linim. Canth., Ph. D.

—— *Chloroformi.* Added. Half and half Chloroform and Camphor Liniment, and is therefore very stimulating. Dose, externally, ♏ xxx to f℥ii.

—— *Crotonis.* Now contains Olive Oil, instead of Oil of Turpentine, and is therefore less stimulating. (See p. 10.)

—— Hydrargyri. Same as Linim. Hydrarg. Co., Ph. D. Slightly more stimulating, but much thinner in consistence than Ph. L.

—— Iodi. Added. (See p. 22.)

—— *Opii.* Same strength as Linim. Anodynum, Ph. D.; but double the strength of Ph. L.

—— *Saponis*, L. E. D. Almost identical with Ph. E. Contains 15 times as much Oil of Rosemary as Ph. L. Lin. Sapon., Ph. D., contained no Oil of Rosemary.

—— Simplex, E. Omitted.

—— Terebinthinum (Ol. Tereb. f℥v, Ung. Resinæ, oz. viii ℥). Nearly identical with D. Very different from E., and totally unlike L.

Linimentum Terebinthinæ Aceticum. Added. Contains strong Acetic Acid and Oil of Turpentine.
Linum Catharticum, E. Omitted.
Liquor Aluminis Comp., L. Omitted.
—— *Ammonæ Acetatis*, L. D. E. About 5 times as strong as Ph. L., and 6 times as strong as D. and E. It is difficult to assign any reason for this important change in strength, without any indicating change of name. *Dose*, f ℥ss to f ʒv in an f ℥viii mixture.
—— Ammoniæ Citratis, L. Omitted.
—— Ammoniæ Fortior. Very slightly ($\frac{1}{15}$) stronger than formerly.
—— Ammoniæ Sesquicarbonatis, L. Omitted.
—— Antimonii Tartarizati, D. Omitted.
—— Antimonii Terchloridi. Added for obtaining Oxide of Antimony.
—— Arsenici Chloridi, L. Omitted.
—— Arsenici et Hydrargyri Hydriodatis, D. Omitted.
—— Atropiæ. Added. Gr. iv in f ℥i of weak spirit. *Dose*, for dilating the pupil gtt. i, applied to the eye. Is not intended for internal use.
—— Calcis Chloratæ. Present name for Liq. Calcis Chlorinatæ.
—— Calcis Chlorinatæ. Name changed to Liq. Calcis Chloratæ.
—— Calcis Saccharatus. Added. About 12 times as strong as Lime Water. Dose, ♏xv to f ʒi, in a teacupful of milk.
—— Chlori. Present name for Aqua Chlorinei, Ph. E.
—— Ferri Perchloridi. Introduced to make a Tincture.

Liquor *Hydrargyri Bichloridi*, Ph. L. Omitted.

—— *Hydrargryi Nitratis Acidus*. Present name for Liq. Hydrarygri Pernitratis, D.

—— *Hydrargyri Pernitratis*, D. Now called Liq. Hydrarg. Nitr. Acidus.

—— *Morphiæ Acetatis*. Omitted.

—— *Morphiæ Hydrochloratis*, L. D. E. Almost identical strength with D. and E., only half strength of Ph. L.

—— Plumbi Subacetatis. Present name for Liq. Plumb. Diacetatis.

—— Plumbi Subacetatis Dilutus. About one-third stronger than Ph. L., but only half the strength of Ph. D.

—— Potassæ Arsenitis. Name changed to Liquor Arsenicalis.

—— Potassæ Permanganatis. Added. Gr. iv in f℥i. A form of Condy's Disinfecting Liquid. Dose, ♏xx to ♏xxx, much diluted. (See p. 83.)

—— Potassii Iodidi Comp., L. Omitted.

—— Sodæ. One-sixth weaker than formerly.

—— Sodæ Arseniati. Added. Same strength as Liq. Arsenicalis, *i.e.* gr. iv in f℥i. *Dose*, ♏v, to be increased very carefully, or not at all.

—— Sodæ Carbonatis, D. Omitted.

—— Sodæ Chloratæ. Present name for Liq. Sodæ Chlorinatæ.

—— Sodæ Chlorinatæ. Name changed to Liq. Sodæ Chloratæ.

—— *Strychniæ*, added. Same strength as Liq. Atropiæ, gr. iv in f℥i. Dose, gtt. ii (gr. $\frac{1}{30}$) to gtt. vii (gr. $\frac{1}{8}$), twice a day.

—— Zinci Chloridi, D. Omitted.

Lithiæ Carbonas. Added. Dose, gr. x to gr. xv.
—— Citras. Added. Dose, gr. x to gr. xv.
Lupulina, D. Omitted.
Magnesia and Magnes. Carbonas. If prescribed without the addition of "Levis," the heavy preparations are to be dispensed.
Malva, E. Omitted.
Matico. Name changed to Matica.
Mel Rosæ, L. E. Omitted.
Melissa, E. Omitted.
Menyanthes, E. Omitted.
Mistura Acaciæ, L. and E. Omitted. The old Edinburgh Mist. Acaciæ was similar to the present Mist. Amygdalæ, but contained less Almonds. The London Mistura Acaciæ is now called Mucilago Acaciæ.
—— Althææ, E. Omitted.
—— Amygdalæ. Twice strength of E.
—— Camphoræ. Name changed to Aqua Camphoræ.
—— Camphoræ cum Magnesia, E. Omitted.
—— Creasoti, E. ♏i in f℥i; quantity of Oil of Juniper, 6 times as much as before.
—— Cretæ. No Spirit of Cinnamon now, which was present in E.
—— Ferri Aromatica, D. Omitted.
—— *Ferri Composita.* Contains nearly one-third more Carbonate of Iron than the old Ph. L., and about 30 times as much volatile oil in the Spirit of Nutmeg. Its flavour will, therefore, be much more chalybeate and aromatic.
—— Gentianæ Comp., L. Omitted.
—— Guaiaci, L. E. About one-fourth more Guaiacum Resin than formerly.

Mistura Hordei, E. Omitted.
—— Scammonii, E. Gr. iv of Scammony instead of gr. vii.
—— Spiritus Vini Gallici, L. Omitted.
Morphiæ Acetas, L. D. E. Omitted.
Mucilago Acaciæ. Present name for Mist. Acaciæ, L., but contains more Gum. It has no substantial resemblance to Mist. Acaciæ, Ph. E.
—— Hordei, D. Omitted.
—— Tragacanthæ. Only three-fourths strength of Ph. E.
Mucuna, L. Omitted.
Nectandra. The name by which Bebeeru Bark is introduced into the Pharmacopœia for the purpose of obtaining Beberiæ Sulphas.
Oleum Æthereum, L. Omitted.
—— Cassiæ, E. Omitted.
—— Coriandri. Added.
—— Fœniculi, L. D. Omitted.
—— Filicis Maris. Introduced by the name of Filicis Extractum Liquidum. Dose, ♏ xxx to f ʒi after a six hours' fast.
—— Origani, E. Omitted.
—— Pulegii, L. Omitted.
—— Rosæ, D. E. Omitted.
—— Sassafras, E. Omitted.
—— Succini, D. Omitted.
Origanum, E. Omitted.
Oxymel Scillæ, L. Omitted.
Permanganate of Potash. Added for making the Liq. Potass. Permanganatis. An officinal form of Condy's Disinfecting Liquid.
Petroleum, L. Omitted.

Phosphorus, L. Omitted from the Materia Medica for medicinal use in the form of Phosphoretted Oil, etc., but introduced amongst the materials for making Phosphoric Acid.

Pilula Aloes, E. Omitted.

—— Aloes Barbadensis. Added. Same as Pil. Aloes Co., L. and D., except that Barbadoes Aloes are used instead of Socotrine.

—— Aloes Comp., L. D. Name changed to Pil. Aloes Barbadensis.

—— Aloes et Ferri, E. Omitted.

—— Aloes et Myrrhæ, L. D. E. Same as D. and E., but contains twice as much Saffron as L.

—— Aloes cum Sapone, L. Omitted.

—— Aloes Socotrinæ. Same as old Pil. Aloes Co. L. and D., except that it is flavonred with Oil of Nutmeg, instead of Oil of Caraway.

—— Assafœtidæ Comp. Same as Pil. Assafœtid. E., and Pil. Assaf. Co., D., except that it contains only two-thirds of the Dublin quantity of Assafœtida.

—— *Calomelanos Comp.* Present name for Pil. Hydrarg. Chlorid. Co., Ph. L.

—— Calomelanos et Opii, E. Omitted.

—— Cambogiæ Comp., L. E. Same as E., but only two-thirds quantity of Aloes of L.

—— Colocynthidis, E. Identical with the Pil. Coloc. Co. of the new Pharmacopœia, except that Barbadoes Aloes are substituted in Ph. Br. for Socot. or East India Aloes in E.

—— *Colocynthidis Comp.* Almost identical with the Pil. Colocynthidis of Ph. E. It differs considerably from the London pill in being flavoured

with Oil of Cloves instead of powdered Cardamoms ; and also in the proportions of the ingredients.

Pilula Conii Comp., L. Omitted.

—— Cupri Ammoniati, E. Omitted.

—— Digitalis et Scillæ, E. Omitted.

—— *Ferri Carbonatis*, E. Same as the pill of this name in the Ph. E., and intended as a substitute for Pil. Ferri Comp., Ph. L., which is now omitted ; but it differs in containing no Myrrh, which was present in the London Pil. Ferri Co., and in containing nearly three times as much Carbonate of Iron. It is therefore a much more powerful, but less aromatic pill.

—— *Ferri Composita*, L. Omitted. See remarks on Pil. Ferri Carbonatis.

—— Ferri Iodidi. Added. Nearly one-third consists of Iodide of Iron.

—— Ferri Sulphatis, E. Omitted.

—— Galbani Comp., L. Omitted. Pil. Assaf. Co. of the New Pharmacopœia somewhat resembles it, but contains nearly four times as much Assafœtida, and no Sagapenum.

—— *Hydrargyri Chloridi Comp.*, L. Name changed to Pil. Calomel. Comp.

—— Ipecacuanhæ cum Scilla, L. Omitted.

—— Ipecacuanhæ et Opii, E. Omitted.

—— *Opii*. New name, but same strength as the Pil. Saponis Co., L. ; and the same strength as Pil. Opii sive Thebaica, E. ; but it differs from E. in containing Soap instead of Sulphate of Potash and Confection of Roses.

—— Rhei, E. Omitted.

Pilula *Rhei Comp.*, L. D. E. Same as the old D. and E.; but it differs from L. in containing Oil of Peppermint instead of Oil of Caraway, which materially alters the flavour.

—— Rhei et Ferri, E. Omitted.

—— *Saponis Comp.*, L. Name changed to Pil. Opii. Strength unchanged.

—— Scillæ, E. Practically the same as Pil. Scillæ Co., Ph. Br.

—— Scillæ Co. Practically the same as Pil. Scillæ E., and Pil. Scillæ Co., D.; but contains twice as much Squill as Pil. Scillæ Co., Ph. L.

—— Styracis, E. Omitted.

—— Styracis Comp., L. Omitted.

—— Thebaicæ, E. Name omitted. Now called Pil. Opii.

Piper Longum, L. E. Omitted.

Pix Arida, E. Omitted.

Pix Nigra, L. Omitted.

Plumbi Iodidum, L. D. E. Omitted.

Plumbi Nitras, E. D. Omitted.

—— Oxidum Rubrum, E. Omitted.

Podophylli Resina. Added. Present name for Podophyllin. Care must be taken in prescribing to add the word "Resina," as the New Pharmacopœia has introduced "Podophyllum," which is merely the crude root of the plant, as well as the Resin, which has hitherto been termed Podophyllin. This name is so closely like that of the root, that if an abbreviated form is used in writing the prescription, error may arise, unless "Resina" is added when the resin is really intended. Dose, gr. $\frac{1}{6}$ to gr. ss.

Podophyllum. The root. Added. See note above.
Potassa Caustica. The present name for Potassæ Hydras, Ph. L.
—— cum Calce, L. D. E. Omitted.
—— Sulphurata. The present name for Potassii Sulphuretum, L., and Hepar Sulphuris, D.
Potassæ Aqua Effervescens, E. Omitted.
—— Bisulphas, E. Omitted.
—— Bitartras. Name changed to Potassæ Tartras Acida.
—— Citras. Added. Dose ℈i to ʒi or more.
—— et Sodæ Tartras, E. Name changed to Sodæ et Potassæ Tartras.
—— Permanganas. Introduced for making a solution.
—— Tartras Acida. Present name for Potassæ Bitartras.
Potassii Bromidum. Added. Dose, gr. iii to gr. vi, or even more; but the advantage of the larger doses is very doubtful.
Pulegium, L. Omitted.
Pulveres Effervescentes. Are all omitted.
Pulvis Aloes Comp., L. Omitted.
—— Aluminis Comp., E. Omitted.
—— *Amygdalæ Comp.* Present name for Confectio Amygdalæ, L., and Conserva Amygdalarum, E.
—— *Antimonialis.* Intended as a substitute for Pulv. Antimonii Comp., Ph. L., and Pulv. Antimonialis, D. and E.; but it is prepared differently from them all, by first making Oxide of Antimony and then simply mixing it with 2 parts of precipitated Phosphate of Lime.

Pulvis Antimonii Comp., L. Name changed to Pulv. Antimonialis. Composition altered, doubtful whether for the better or not.

—— *Aromaticus.* Very different from Pulv. Aromaticus, D. and E., as it now contains Saffron and Cloves instead of Ginger.

—— Catechu Comp. Now contains Powdered Rhatany root, and only half the former quantity of Kino. Dose, same as before.

—— Cinnamomi Comp., L. Omitted.

—— *Cretæ Aromaticus.* Intended as a substitute for Pulv. Cretæ Co., L. D. E., but differs essentially in flavour by containing Saffron and Cloves, not formerly ordered by any of the pharmacopœias, and by omitting the Tormentilla and Long Pepper in the London form. Dose, as before.

—— *Cretæ Aromaticus cum Opio.* 1 grain of Opium in 40 grains of the powder. Intended as a substitute for Pulv. Cretæ Co. cum Opio, but is very different in flavour, though it contains the same proportion of Opium. See Pulv. Cret. Arom. above.

—— Cretæ Comp., L. D. E. Omitted. Pulv. Aromat. of the new Pharmacopœia differs totally in flavour and ingredients.

—— Cretæ Comp. cum Opio, L. Omitted. Pulv. Aromat. cum Opio of the new Pharmacopœia contains the same proportion of Opium, but differs totally in flavour and constituents.

—— Cretæ Opiatæ, D. E. Omitted. The same remarks are applicable in this case as in the last.

—— *Ipecacuanhæ Compositus.* Name changed to the following. Strength unchanged.

Pulvis Ipecacuanhæ cum Opio. Present name for Pulv. Ipecac. Comp. No change of strength or ingredients.

—— Jalapæ Comp. Proportion of Jalap the same as formerly, but there is now rather more Ginger and rather less Cream of Tartar.

—— Salinus Comp., E. Omitted.

—— Scammonii Comp. Proportion of Jalap slightly diminished.

Pyrethrum, L. Omitted.

Pyrola, E. D. Omitted.

Pyroxylin. Added. Name for Gun Cotton for making Collodium.

Quinæ Murias, D. Omitted.

—— Valerianas, D. Omitted.

Qui*niæ* Sulphas. Present name for Quinæ Disulphas, L., and Quinæ Sulphas, E. D. The letter *i* is inserted to make the name correspond with Atrop*ia*, Morph*ia*, etc.

Rhamni Baccæ, E. Omitted.

—— Succus, L. Omitted.

Rosæ Oleum, E. D. Omitted.

Sagapenum, L. Omitted.

Salicis Cortex, E. Omitted.

Santoninum. Added. For *round* worms. Dose, gr. ii every other night for 3 times.

Scammonii Radix. Added. For making the Resin of Scammony.

Simaruba, E. D. Omitted.

Sodæ Aqua Effervescens, E. Omitted.

—— Arsenias. Added. For making Liquor Sodæ Arseniatis, gr. iv in f ℥i. Dose of the Liquor, ♏v.

Sodæ Biboras, D. Name now excluded in favour of simple Borax.

—— Chlorinatæ Liquor. Changed to Liquor Sodæ Chloratæ.

—— et Potassæ Tartras. Present name for Sodæ Potassio-Tartras, Ph. L., and for Potassæ et Sodæ Tartras, Ph.E.

—— Sulphas. Omitted.

Spigelia Marylandica, E. Omitted.

Spiritus Æthereus Oleosus, D. Omitted. See next article below.

Spiritus Ætheris. Present name for Spiritus Ætheris Sulphurici, Ph.E. It is not a substitute for the Spiritus Ætheris Compositus, Ph.L., or for the Sp. Æthereus Oleosus, D., for both these preparations contain Oleum Æthereum, which is absent from the Spiritus Ætheris of the new Pharmacopœia, and alters therefore their flavour and perhaps their medicinal effects. Dose, the same as that of the old preparation.

Spiritus Ætheris Compositus, L. Omitted. See Sp. Ætheris above.

—— Ætheris Nitr*ici*. Name changed to Spiritus Ætheris Nitr*osi*. The mode of obtaining it is entirely changed.

—— Ætheris Nitr*osi*. The present name for Spiritus Ætheris Nitr*ici*. Dose, same as formerly.

—— Ætheris Sulphurici, E. Name changed to Spiritus Ætheris.

—— Ammoniæ, E. Omitted.

—— Ammoniæ Aromaticus. Differs in flavour from all preparations of this name in the former

Pharmacopœias; for it contains no Cinnamon, which was ordered in the Ph. D., no Rosemary, ordered by the Ph. E., and neither Cinnamon nor Cloves, ordered by the Ph. L. It is much more agreeable than Ph. E., and does not become milky when mixed with water.

Spiritus Ammoniæ Fœtidus, L. D. E. Omitted. The Tincture of Assafœtida is not a substitute, as it contains no stimulating alkali like Ammonia.

—— Anisi, L. Omitted.

—— Cajuputi. Added. One part of Oil of Cajuput in ten. Dose, ♏x to ♏xxx.

—— Camphoræ. One-eighth weaker than formerly.

—— Carui, L. E. Omitted.

—— Cassiæ, L. Omitted.

—— *Chloroformi.* Added. One part of Chloroform in twenty. It is about half the strength generally attributed to Chloric Ether, for which it is intended as a substitute. Dose, ♏xv to ♏xxx. A larger dose is often unpalatable.

—— Cinnamomi, L. E. Omitted.

—— *Juniperi.* Totally different from Spiritus Juniperi Comp., L. D. E., for it contains no Aromatic, and does contain about 95 times as much Oil of Juniper. 10 minims now contain 1 minim of oil, instead of nearly 2 fluid ounces being required as formerly. Dose, ♏x to ♏xxx.

—— *Juniperi Comp.*, L. D. E. Omitted. See Sp. Juniperi above.

—— Lavandulæ. Is now made from Oil of Lavender, instead of the fresh flowers.

—— Lavandulæ Comp., E. Omitted by this

name. Nearly resembles Tinctura Lavandulæ Comp.

Spiritus Menthæ Piperitæ. Identical with Essentia Menthæ Piperitæ, D. Contains about 47 times as much Oil of Peppermint as formerly in Ph. L. 10 minims contain 1 minim of oil. Dose, ♏x to ♏xxx.

—— Menthæ viridis, L. Omitted.

—— *Myristicæ.* Is identical with the old Essentia Myristicæ Moschatæ, D., and contains about 140 times as much Oil of Nutmeg as the L. and E. Dose, ♏x to ♏xxx.

—— Pimentæ, L. E. Omitted.

—— Pulegii, L. Omitted.

—— *Rosmarini.* Identical with Essentia Rosmarini, Ph. D., and contains about 31 times as much Oil of Rosemary as formerly in Ph. L. 10 minims contain 1 minim of oil. Not much used internally. Dose, ♏x to ♏xxx.

Spongia, E. Omitted.

Stanni Pulvis, D. E. Omitted.

Staphysagria, L. E. Omitted.

Strychniæ Murias, D. Omitted.

Succini Oleum, D. Omitted.

Succus Conii. Added. A fluid form of Extract of Conium. Obtained by pressing the fresh Hemlock and adding to the juice a quarter of its bulk of spirit. Dose, ♏xxx to ♏xl, equal to about gr. iii. of extract. (See p. 24.)

—— Scoparii. Added. Similar preparation to the above.

—— Taraxaci. Added. Ditto. Dose, a small dessert-spoonful to a large table-spoonful, equal to about ʒss to ʒi of extract. (See p. 24.)

Sulphuris Iodidum, L. D. Omitted.

Suppositoria Acidi Tannici. Added. Each suppository weighs 14 grains and contains 2 grains of Tannin.

—— Morphiæ. Each suppository weighs nearly 8 grains and contains $\frac{1}{4}$ grain of Muriate of Morphia.

Syrupus Aceti, E. Omitted.

—— Acidi Citrici, D. Omitted.

—— Althææ, L. E. Omitted.

—— Aurantii. Now made from Tincture of Orange-peel mixed with Syrup, instead of from the peel direct.

—— Aurantii Floris. Added. Made from Orange-flower Water.

—— Cocci, L. Omitted.

—— Croci, L. D. E. Omitted.

—— *Ferri Phosphatis.* Added. $3\frac{1}{2}$ grains of Phosphate of Iron to the fluid drachm of the Syrup. Dose, f ʒi to f ʒii.

—— Ipecacuanhæ, E. Omitted.

—— Limonis. More strongly flavoured than formerly, as it contains Oil of Lemon from the peel in addition to the Lemon-juice.

—— Morphiæ Acetatis, D. Omitted.

—— Morphiæ Muriatis, D. Omitted.

—— Rhamni, L. E. Omitted.

—— *Sarzæ*, L. D. E. Omitted.

—— *Scillæ.* Added. About half the strength of Oxymel of Squill.

—— *Sennæ.* About 4 times as strong as the old Syrup, and now flavoured with Coriander instead of Fennel.

—— Violæ, L. E. Omitted.
Terebinthina Americana or Vulgaris. Omitted.
—— Chia, L. E. Omitted.
—— Veneta. Omitted.
Tinctura Aconiti is now only one-third the strength of the Ph. L., one-fourth that of the Ph. D., and less than one-fifth that of Fleming's tincture. The dose prescribed by physicians varies considerably, but it is recommended that the dose of this tincture should not exceed ♏v to ♏x. If beyond this dose, it should be very carefully watched, and an interval of at least six hours should elapse before it is repeated.
—— Aloes Comp., L. Omitted.
—— Aloes et Myrrhæ, E. Omitted.
—— Ammoniæ Comp., L. (Eau de Luce.) Omitted.
—— Arnicæ (radicis). Added. Hitherto the tincture has generally been made from the flowers. Dose, ♏xxx, twice a day. f℥i in Oi lotion.
—— *Belladonnæ.* Only about half the strength of the Ph. L. and D. Dose, ♏xx to ♏xxx.
—— Bucco. Present name for Tinct. Buchu.
—— Buchu. Name changed to Tinctura Bucco.
—— *Calumbæ.* Nearly same strength as Ph. D., double that of L.
—— Camphoræ, D. E. Name changed to Spiritus Camphoræ.
—— *Camphoræ Composita.* Name changed to Tinct. Camphoræ cum Opio.
—— *Camphoræ cum Opio.* Present name for Tinct. Camphor. Comp. It contains about one-ninth more Opium and Benzoic Acid than for-

merly; the proportion of both is however still so small that the dose will probably remain unchanged.

—— Capsici. Only half strength of D.

—— Cardamomi, E. Omitted.

—— Cardamomi Comp. Quantity of Cardamoms slightly increased, and the Raisins much diminished.

—— Cassiæ, E. Omitted.

—— Castorei. One-fifth weaker than formerly.

—— Castorei Ammoniata, E. Omitted.

—— *Catechu.* Present name for Tinct. Catechu Comp. One-fifth more Catechu than the old Dublin form, and one-third more than L. and E.

—— Catechu Comp. Name changed to Tinct. Catechu. See above.

—— Cinnamomi. About one-third stronger than formerly.

—— Cinnamomi Comp., L. D. E. Omitted.

—— Cocci. One-fourth stronger than formerly.

—— Colchici Comp., L. (Aromatic.) Omitted.

—— *Conii.* Changed to Tinct. Conii Fructus. The old tincture made from the leaves is now omitted, and a new one introduced made from the fruit. See next article below.

—— *Conii Fructus.* Made from the fruit instead of the leaves. Is nominally the same strength as the old Tinct. Conii, but is probably about half as strong again; or is at any rate considerably stronger than the old one. Dose, ♏xxx.

—— Croci. Half the strength of D. Same as E.

—— Cubebæ, L. D. Omitted.

—— Cuspariæ, E. Omitted.

Tinctura Digitalis. Same strength as E.; one-fourth stronger than Ph. L.

—— Ergotæ. One-fourth stronger than formerly.

—— Ergotæ Ætherea, L. Omitted.

—— Ferri Acetatis, D. Omitted.

—— Ferri Perchloridi. New name for the old Tinct. Ferri Sesquichloridi. It is the same strength as the old London tincture, but only one-fourth the strength of the Dublin Tinct. Ferri Sesquichloridi.

—— *Ferri Sesquichloridi.* Name changed to Tinct. Ferri Perchloridi. Strength unchanged as regards the London tincture, but only one-fourth the strength of the Dublin Tinctura Ferri Sesquichloridi.

—— Gentianæ Comp. Very slightly stronger than formerly.

—— Guaiaci, L. E. Omitted.

—— Guaiaci Ammoniata. One-eighth stronger than formerly.

—— Hellebori, L. Omitted.

—— *Iodi.* New name for Tinctura Iodinii Comp. L. and D., of which it is intended to be the representative, but it contains only one-fourth the quantity of Iodide of Potassium, though it has the old quantity of Iodine. (It has no practical resemblance to the Tinctura Iodinii, Ph. E.) The dose must be materially altered—nearly double that of the L. and D. tincture.

Tinctura Iodinii, E. Omitted. There is nothing which practically resembles it in the new Pharmacopœia.

—— *Iodinii Comp.* Name changed to Tinctura

Iodi, and composition considerably altered. See Tinct. Iodi above.

Tinctura Jalapæ. Same strength as Ph. L. About one-third weaker than Ph. E. and D.

—— Kino. One-eighth stronger than formerly.

—— Krameriæ. Only two-thirds old strength.

—— Lactucarii, D. Omitted.

—— Lavandulæ Comp. Old London form. Only about half the strength of D., and contains no Cloves.

—— Limonis. Only half Dublin strength. Half as strong again as L.

—— Matico, D. Omitted.

—— *Myrrhæ.* Nearly twice the strength of Ph. L. About one-third stronger than E., and one-fifth stronger than D. It is chiefly used for gargles, and the dose must be in accordance with the altered strength.

—— *Nucis Vomicæ.* About one-third the strength. (2 to 5) of the Ph. D. of 1826. The dose must therefore be nearly three times what the prescriber generally orders. (See p. 77.)

—— *Opii.* This tincture is one-twelfth weaker (*i. e.* gr. iii in f ℥i) in consequence of the change in the weight of the ounce, and it is also still further weakened, though to a slight and uncertain amount, by the addition of an undefined quantity of spirit, in order to make the result fill a pint. The dose ought to be slightly increased to make up for the change, but in practice it is probable that it will remain unaltered.

Tinctura Opii Ammoniata, E. Omitted.

—— Opii Camphorata, D. E. Name omitted.

The preparation corresponds very closely with Tinctura Camphoræ cum Opio.

Tinctura Quassiæ, E. Omitted.

—— Quassiæ Comp., E. Omitted.

—— Quinæ Comp. Now called Tinctura Qui*niæ* Comp.

—— Qui*niæ* Comp. Present name for Tinct. Qui*næ* Comp.

—— *Rhei* differs essentially from Tinct. Rhei, Ph. E., in flavour, and cannot be substituted for it in dispensing. The present tincture is intended as a substitute for Tinct. Rhei Comp., L. and D., but it contains one-third more Rhubarb and Saffron than formerly, and is flavoured with Cardamoms and Coriander instead of Ginger and Liquorice. The taste will therefore differ considerably from that of the old tincture.

—— Rhei et Aloes, E. Omitted.

—— Rhei et Gentianæ, D. Omitted.

—— Sabinæ. Added. Dose, ♏xxx.

—— Senegæ. Added. Dose, ♏xxx to f℥i.

—— *Sennæ.* Present name for Tinctura Sennæ Comp., L. Contains about one-fourth more Sennæ and twice as much Caraway as formerly, and is flavoured with Coriander instead of Cardamoms.

—— Serpentariæ. About one-third stronger than formerly.

—— *Tolutana.* About twice as strong as formerly.

—— Valerianæ Ammoniata. Present name for Tinct. Valerianæ Comp. Differs from the Ph. E. in containing spices.

—— Zingiberis. Twice the strength of the Ph. L., two-thirds the strength of Ph. D.

Tormentilla, L. Omitted.
Trochisci Acaciæ, E. Omitted.
—— Acidi Tannici. Added. Gr. ss in each lozenge.
—— Acidi Tartarici, E. Omitted.
—— *Bismuthi.* Added. Gr. ii of Nitras Bismuthi in each lozenge.
—— Catechu. Added. About gr. $1\frac{1}{4}$ Catechu in each, and a flavour of Capsicum.
—— Cretæ, E. Omitted.
—— Glycyrrhizæ, E. Omitted.
—— Lactucarii, E. Omitted.
—— Magnesiæ, E. Omitted.
—— Morphiæ. About gr. $\frac{1}{36}$ of Morphiæ Murias in each.
—— *Morphiæ et Ipecacuanhæ.* Added. About gr. $\frac{1}{36}$ Morphiæ Mur. and gr. $\frac{1}{12}$ Ipecac. in each.
—— *Opii.* Added. About gr. $\frac{1}{10}$ Ext. Opii in each.
—— Sodæ Bicarbonatis, E. Omitted.
Unguentum Aconitiæ. Added. Gr. i Aconitia in ʒi. Dose, ʒss at a time.
—— Æruginis, E. Omitted.
—— *Antimonii Potassio-tartratis.* Name changed to Ung. Antimonii Tartarati. Strength as before.
—— Antimonii Tartarati. Present name of Ung. Antim. Potas. Tart. Twice as strong as D.
—— *Atropiæ.* Added. Gr. i Atropia in ʒi. Dose, ʒss at a time.
—— Belladonnæ. One-third stronger than formerly. Gr. x of Ext. Belladon. to ʒi of Lard.
—— Calomelanos. 80 grains in ℥i. New.

Unguentum Cantharidis. Formerly contained a little Resin Ointment, which is now omitted.

—— Ceræ Albæ, D. Omitted.

—— Citrinum, E. Name altered. Nearly resembles Ung. Hydrargyri Nitratis.

—— Conii, L. Omitted.

—— *Creasoti.* Twice the strength of Ph. L.; three times the strength of Ph. E.; f ʒi in ℥i.

—— Cupri Subacetatis, D. Omitted.

—— Elemi. Now contains no Turpentine, which used to be present, and it is therefore less stimulating than formerly.

—— Gallæ Compositum. Name changed to Ung. Gallæ cum Opio.

—— *Gallæ cum Opio.* About twice as much Opium as formerly. ʒss in oz. i.

—— Hydrargyri Ammoniati. New name for Ung. Hydrarg. Ammonio-Chloridi, and half as strong again as formerly.

—— Hydrargyri Ammonio-Chloridi. Name changed to Ung. Hydrargyri Ammoniati.

—— Hydrargyri Iodidi, L. Omitted.

—— *Hydrargyri Iodidi Rubri.* Gr. xvi in oz. i. Only about one-fourth the strength of the old Dublin Ointment.

—— Hydrargyri Nitratis Mitius, L. Omitted.

—— Hydrargyri Nitrico-Oxidi, L. Name changed to the following.

—— Hydrargyri Oxidi Rubri. Present name for Ung. Hydrarg. Nitr. Ox. About one-seventh stronger than formerly.

—— Infusi Cantharidis, E. Omitted.

—— *Iodi Comp.* Present name for Ung. Iodinii

Comp., but contains only about half the old quantity of Iodide of Potassium.

Unguentum Iodinei, E. Nearly identical with Ung. Iodi Comp. above.

—— *Iodinii Comp.*, L. Now called Ung. Iodi Comp. See above.

—— Opii, L. Omitted.

—— Picis. Omitted.

—— Picis Liquidæ, L. D. E. Omitted.

—— Plumbi Acetatis, D. E.

—— Plumbi Carbonatis. About as twice as strong as E.; about ⅔ the strength of Ph. D.

—— Plumbi Compositum, L. Omitted.

—— Plumbi Subacetatis. Added. Nearly f ʒiss of Liq. Plumbi in 1 oz. of the ointment.

—— *Plumbi Iodidi*, L. D. Omitted.

—— Potassii Iodidi. About one-seventh stronger than formerly.

—— Præcipitati Albi. Now called Ung. Hydrargyri Ammoniati.

—— Sambuci, L. Omitted.

—— Sulphuris. Same as D. and E. Only half the London Quantity of Sulphur.

—— *Sulphuris Comp.*, L. Omitted.

—— Sulphuris Iodidi, L. Omitted.

—— Terebinthinæ. Added. One-half is Oil of Turpentine. A more stimulant form than formerly of Resin Ointment.

—— *Veratriæ*. Added. Gr. i in ʒi. Frequently causes severe smarting pain for a time. Dose, ʒss at a time.

Vinum Aloes. Same as Ph. E. One-third weaker than Ph. L., and contains no Canella.

Vinum Antimoniale. Present name for Vin. Antim Potass. Tart. Gr. ii in f ℥i. Old strength.

—— *Ferri.* Entirely different from Ph. L. Is now made by dissolving Tartrate of Iron in Sherry Wine.

—— Gentianæ, E. Omitted.

—— Ipecacuanhæ. About one-fifth weaker than formerly.

—— *Opii.* Same as Ph. E., but differs essentially from L. and D., in containing no Spices. As a stimulant opiate for local application in Chronic Ophthalmia, it cannot be substituted for the old Vin. Opii, L.

—— Rhei, D. E. Omitted.

—— Tabaci, E. Omitted.

—— Veratri, L. Omitted.

Viola, L. Omitted.

Table of Narcotic Preparations in the British Pharmacopœia, their Strength and Doses.

Acid. Hydrocyanic Dilut. 2 per cent. Dose, ♏iii to ♏v.

Aconitia. Not to be used internally.

Aconitiæ Unguentum. Gr. i in gr. 60. Dose, gr. xx to gr. xxx. To be applied externally.

Aconitum. *The Leaves and Flowering Tops.*

—— Extractum. Dose, gr. i or gr. ii. To be very carefully watched.

Aconiti *Radix.*

—— Linimentum. 1 oz. of Root, and 20 gr. of Camphor. in f. ℥i. About 8 times as strong as the tincture. Dose, ♏xxx, applied by a camel's-hair pencil.

—— Tinctura. Nearly 60 grains of Root in f ℥i. About ⅓ strength of Ph. L.. ¼ strength of Ph. D. Dose, ♏v to ♏x, and at least six hours between the doses. If increased beyond this dose, to be very carefully watched.

Atropiæ.

—— Liquor. Gr. iv in f ℥i. Dose, if applied to the eye gtt. i.

—— Unguentum. Gr. i in ʒi. Dose, gr. xxx, externally.

Belladonna. *The Leaves* yield

Extractum. Gr. $\frac{1}{6}$ to gr. ss. I have seen violent effects follow the last-named dose.

Emplastrum. Extract. Belladonnæ forms one-half the plaster.

Tincture. Dose, ♏xx to ♏xxx.

Unguentum. Extract. Belladonnæ forms about one-sixth of the Ointment.

—— *Radix*. Yields Atropia.

Linimentum. 1 oz. Belladonna root, and ℈i of Camphor in f ℥i. Dose, ʒss to ʒi. Applied externally, by a camel's-hair pencil.

Cannabis Indica.

—— Indicæ Extractum. Dose, gr. ss to gr. i or more.

—— Indicæ Tinctura. Dose ♏v to ♏xv. It is very seldom that a larger dose gives relief, if ♏xv have failed. (See p. 89.)

Chloroformi Linimentum. Half and half Chloroform and Camphor Liniment. Very stimulating, and painful when first applied.

—— Spiritus. 1 part in 20. Dose, ♏xx to ♏xxxx or more. A larger quantity is often unpalatable.

Conium. *The Leaves.*

—— Cataplasma. 1 oz. of powdered Hemlock, in 14 oz.

—— Extractum. Dose, gr. ii to gr. iv.

—— Succus. Dose, ♏xl are about equal to gr. iii of Extract.

Conii Fructus Tinctura. Nominally the same strength as the old Tinctura Conii. Has to be tested by experience. But is probably much stronger. One-half as strong again. Dose, ♏xx to ♏xxx.

Digitalis Infusum. Half strength of E. and D. Dose, f ʒii to f ℥ss.

—— Tinctura. One-fourth stronger than Ph. L. Same strength as E. Dose, ♏xxx. But very large doses, as high as f℥ss have been given lately.

Digitalinum. The active principle of Digitalis. Dose, gr. $\frac{1}{100}$ to $\frac{1}{50}$.

Hyoscyamus. The Leaves.

—— Extractum. Dose, gr. ii to gr. iv.

—— Tinctura. ♏xxx to f ʒi.

—— Pil. Colocynthidis et Hyoscyami, gr. i of Hyoscyam. Ext. in gr. iii. Dose, gr. iii to gr. vi.

Morphiæ Hydrochloras. Dose, gr. $\frac{1}{8}$ to gr. ss.

—— —— Liquor. Same strength as D. and E. Half strength of L. Dose. ♏x to f ʒi, according to the object in view; or about double that of Laudanum, gr. ss in f ʒi.

—— —— Suppositoria. Gr. $\frac{1}{4}$ in each.

—— —— Trochisci. About gr. $\frac{1}{36}$ in each.

—— —— et Ipecac. Trochis. About gr. $\frac{1}{36}$ Morph. Mur., and gr. $\frac{1}{12}$ Ipecac. in each.

Opium. Dose, gr. $\frac{1}{4}$ to gr. ii.

Opii Emplastrum. One part of powered Opium in ten.

—— Extractum. This ought theoretically to be much stronger than Opium, but practically the dose is the same, gr. $\frac{1}{4}$ to gr. ii.

—— Extractum Liquidum. About the same strength as Laudanum. Dose, ♏v to ♏xxx or more. A substitute for Battley.

—— Enema. Twice strength of Ph. L.; f ʒss in f ℥ii.

—— Linimentum. Half and half Laudanum and Soap Liniment.

Opii Pilula. Gr. i in gr. v.

—— Pilula Plumbi cum Opio. Gr. ss in a 4 grain pill.

—— Pulvis Cretæ Aromaticus cum Opio. Gr. i in ℈ii.

—— Pulvis Ipecacuanhæ cum Opio. Gr. i in gr. x.

—— Pulvis Kino cum Opio. Gr. i in ℈i.

—— Tinctura Camphoræ cum Opio. Gr. ii in f ℥i. Dose, ♏xxx to f ʒi or f ℥ii.

—— Tinctura Opii. About one-twelfth weaker than formerly. About gr. i in ♏xv. Dose, ♏v to ♏xxx or more.

—— Trochisci. Gr. $\frac{1}{10}$ Extr. of Opium in each.

—— Unguent. Gallæ cum Opio, ʒss in ℥i.

—— Vinum. Same strength as the Tincture. Dose, ♏v to ♏xxx or more Not much used internally. When applied to the eye, it is generally too stimulating when undiluted, and should be mixed with an equal part of water or Camphor water. Contains no spices now. (See p. 72.)

Stramonii Folia. Only used for smoking.

—— Semina. Not used internally. Only employed to make the following preparation.

—— Seminum Extractum. A very hazardous remedy. Dose, gr. $\frac{1}{8}$ to gr. $\frac{1}{4}$. I have seen alarming effects produced in two instances by gr. $\frac{1}{4}$.

—— Seminum Tinctura. Dose, ♏xxx.

Tabaci Enema. ℈i in f ℥viii.

Veratriæ Unguentum. Gr. i in ʒi. Dose, gr. xxx externally. Often causes severe pain at first.

Strychnia and Nux Vomica are not Narcotics, but they are added to this list.

Strychniæ gr. $\frac{1}{32}$ to gr. $\frac{1}{8}$. Not more than twice a day.

—— Liquor. Gr. i in f ʒi. Dose, ♏ii (or gr. $\frac{1}{30}$) to ♏vii (gr. $\frac{1}{8}$), twice a day.

Nux Vomica Extract. Dose, gr. $\frac{1}{4}$ to gr. ss. A larger dose is sometimes given.

—— Vomicæ Tinctura. About $\frac{1}{3}$ former strength. Dose, ♏xv to ♏xxx. ♏xi equal gr. i of powdered Nux Vomica Seed.

Formulæ illustrative of the Alterations required in prescribing by the new or altered Medicines and Preparations, and the Symbols now employed in the British Pharmacopœia.

The following Formulæ embrace most of the new medicines, or the important alterations in the old ones, introduced by the new Pharmacopœia. The words printed in italics show a change of name, or that the substance is newly introduced.

A Febrifuge Mixture.

℞ Liquor. Ammon. Acetatis fl. drs. vi.
Aquæ Camphoræ ad fl. oz. viii. M.

Diuretic Mixture.

℞ Spiritus Juniperi fl. drs. ii.
Spiritus Ætheris Nitr*osi* fl. drs. iii.
Syrupi Scillæ fl. oz. i.
Decocti Scoparii ad fl. oz. viii. M.

The Diuretic Pill.

℞ *Digitalini* gr. $\frac{1}{100}$ or gr. $\frac{1}{50}$.
Scillæ gr. ii.
Extracti Taraxaci q. s. ut ft. pil. Mitte xii.
One pill to be taken three times a day.

Tonic Mixture for Tic-Douloureux.

℞ Qui*niæ* Sulphatis gr. xii.
Infusi Rosæ *Acidi* ad fl. oz. viii.
Tinct. Aconiti min. xl.
Spiritus Chloroformi fl. drs. iii. M.
Two tablespoonfuls to be taken every eight hours.

Tonic Mixture when Quinine is indicated but cannot be used because it produces Headache.

℞ *Beberiæ Sulphatis* gr. viii. to gr. xvi. or gr. xxiv.
Acidi Sulphurici Diluti fl. dr. i.
Syrupi Aurantii Floris fl. oz. i.
Aquæ fl. oz. viii. M.

The Ointment for the Face in Tic-Douloureux.

℞ Ung. Aconi*tiæ* gr. lx. (or ʒi.).
One-half to be spread upon the face at a time.
Or:
℞ *Ung. Veratriæ* gr. lx. (or ʒi).
whole to be used at once.

Note.—Veratria is a much less powerful anodyne than Aconitia. In using an ointment of the same strength (gr. i in ʒi), it is therefore necessary to employ a larger quantity of the ointment.

The Anodyne Liniment for the Face.

℞ *Linimenti Aconiti* fl. drs. ii.
Or : *Linimenti Belladonnæ* fl. drs. ii.
About one-quarter to be painted upon the painful part by a camel's-hair pencil, and repeated, if necessary, in six hours.

The Anodyne Embrocation for the Loins.

℞ *Linimenti Chloroformi* fl. oz. i.
To be rubbed for ten or fifteen minutes upon the loins. The difference in the directions here given arises from the fact that the Lin. Aconiti and Lin. Belladonnæ are spirituous solutions, and cannot be rubbed upon the skin, whilst the Lin. Chloroformi is an oily one, and friction can therefore be employed.

The Counter-irritant Iodine Application.

℞ Linimenti I*odi* fl. dr. i.
To be painted upon the affected part.

The Absorbent Iodine Application.

℞ Tinct. I*odi* fl. oz. i.

To be applied freely over the scrotum. The difference in the quantity ordered, and in the directions, arises from the circumstance that the Liniment is about nine times as strong as the Tincture.

The Iodine Drops.

℞ Tincturæ I*odi* fl. oz. ss.

Five or ten drops to be taken three times a day in milk, which covers the taste of the Iodine.

The Blistering Liquid.

℞ *Linimenti Cantharidis* fl. drs. ii.

The part to be blistered is to be painted with this liquid by a camel's-hair pencil, and as soon as dry it is to be painted a second or third time, if the skin is soft or recently shaved, but a fifth or sixth time if the skin is thick. *Note.* This Liniment contains so much Ether that it quickly evaporates.

The Stimulant Embrocation for the Chest.

℞ *Linimenti Terebinthinæ Acetici* fl. oz. iv.

To be rubbed upon the upper part of the chest every night, until the skin becomes tender.

This embrocation was introduced many years

since by Dr. Barlow at Guy's Hospital, for use in the early stage of consumption, and to render the patient less liable to take cold.

The Cough Mixture.

℞ *Syrupi Scillæ* fl. oz. i (intended as a substitute for Acet. Scillæ and Oxymel Scillæ, both omitted from the Ph. Br.; but it is only about half their strength).
Spiritus Pyroxylici Rectificati (medicinal naphtha), fl. drs. iii.
Tinct. *Conii Fructus* fl. oz. ss.
Tinct. *Camphoræ cum Opio* fl. oz. i.
Misturæ Amygdalæ ad fl. oz. viii. M.
A tablespoonful for a dose.

For Chronic Bronchitis, or for Catarrh of the Bladder.

℞ *Ammoniæ Benzoatis* gr. cxx (ʒii) or gr. ccc (ʒv).
Tinct. *Camphoræ cum Opio* fl. oz. ss.
Infusi Senegæ fl. oz. viiss. M. et ft. mistura.
Two tablespoonfuls (*i.e.* gr. xv to nearly ℈ii per dose) to be taken three times a day.

Note.—The inconvenience of using Roman figures for such numbers as the above is sufficiently apparent.

Or the following, for Catarrh of the Bladder.

℞ *Extracti Pareiræ Liquidi* fl. oz. iv.

A teaspoonful (*i.e.* ʒi of the root) three or four times a day in water. To be continued for a considerable period.

For Sloughing Mouth or offensive Alvine Evacuations.

℞ *Liquor. Potassæ Permanganatis* fl. oz. i.

15 drops (gr. $\frac{1}{8}$) or 30 drops (gr. $\frac{1}{4}$) to be mixed with two or three tablespoonfuls of water, and used frequently for rinsing the mouth or swallowing, according to the nature of the case.

This solution quickly spoils when exposed to the air. It is therefore best to mix it at the time of using it, as here directed.

The Nervine Tonic.

℞ *Liquor. Strychniæ* fl. drs. ii.; ℘ dose ♏ v, *i.e.* gr. $\frac{1}{24}$.
Tinct. Aurantii fl. drs. x; „ ♏ xxv.
Syrupi Aurant. Flor. fl. oz. iss; „ fl. dr. ss.
M.

A teaspoonful to be taken two or three times a day until a bottleful is taken, unless spasmodic twitchings occur earlier than this.

The Stomachic Powder.

℞ *Bismuthi Albi* gr. v.
Magnes. *Carbonatis* gr. x.
Pulv. Rhei gr. iii. M. et ft. pulvis.

To be taken about an hour before dinner.

Note.—If no comment ls made in ordering Magnesia or Carbonate of Magnesia, the Pharmacopœia now directs that the heavy preparations shall be dispensed. If the light ones are intended, they must be prescribed as Magnesia *Levis*, or Magnes. Carbon. *Levis*. The light Magnesia is ordered in the Pharmacopœia for making the Pulv. Rhei Comp., an officinal form of Gregory's Powder.

The Gout Powder.

℞ *Lithiæ Citratis*
Magnesiæ Levis a. a. gr. x. M. et ft. pulvis.

To be taken twice a day, until the Magnesia acts gently upon the bowels.

The Stomachic Mixture.

℞ *Bismuthi Albi* gr. xl (or ℈ii).
Acidi *Nitro-Hydrochlorici Diluti* fl. drs. iii. or fl. oz. ss.
Acidi Hydrocyanici Diluti fl. dr. ss.
Tinctura Aurantii fl. oz. ss.
Infusi Calumbæ.
Aquæ a. a. fl. oz. iii. ss. M. et fl. mistura.

Note.—The Infusion of Calumba is now twice the strength of Ph. L. and E. The prescriber's attention is called to the fact by the water in the above prescription. The larger dose of the diluted acid is more than many palates can bear.

The Antispasmodic Drops.

℞ Spiritus *Menthæ Piperitæ*, or
Spt. *Myristicæ*, or
Spt. *Cajuputi* fl. drs. ii. (♏i of oil in ♏x of the Spt.)
Spt. Ammoniæ Aromatici fl. drs. iii.
Tinct. Lavandulæ Comp. fl. drs. iii. M.

One or two teaspoonfuls to be taken in water (*i. e.* gtt. iss or gtt. iii of the Oil of Mint, Nutmeg, or Cajuput, as the case may be).

Note.—The above spirits bear no resemblance in strength to the spirits of the same name in the old Pharmacopœias, being from 47 to 140 times as strong as formerly.

The Purgative Draught.

℞ Decocti Aloes Comp. fl. oz. ss. (*i. e.* nearly gr. iii of Aloes).
Syrup Sennæ fl. drs. ii (*i. e.* nearly ʒi of Senna).
Aquæ Menthæ Piperitæ fl. drs. ii. M. et fl. haustus.

The Liver Pill.

℞ *Podophylli Resinæ* gr. ss.
Fellis Bovini Purificati gr. ii.
Pulv. Rhei. gr. ii. M. et ft. pil.

To be taken occasionally to promote the action of the liver.

Note.—Podophyllum Resin is uncertain in its action; the sixth of a grain sometimes acting freely, whilst in other cases half a grain at least is requisite. The constitution of each patient with respect to it must therefore be known before the dose for the pill can be settled for him. It is safest to begin with the small dose, as half a grain sometimes purges violently.

The Tonic Digestive Pill.

℞ Extracti Nucis Vomic. gr. ¼ (or gr. ss. if only once a day).
Ferri *Redacti* gr. iii.
Bismuthi Albi gr. i.
Extracti Rhei q. s. ut ft. pil. Mitte viii.

To be taken twice a day, and continued for a week or ten days.

Note.—It is extremely desirable that young practitioners should accustom themselves to prescribing single doses rather than dozens of pills or large bottles of liquid medicines, in order that they may be thoroughly aware of the real quantity of each ingredient that their patients are taking per dose.

The Astringent Pill.

℞ Pil. Plumbi cum Opio gr. iv (*i. e.* gr. ss of Opium). Mitte viii.

One pill to be taken three or four times a day.

Cannot be continued an indefinite length of time.

The Astringent Powder.

℞ Pulveris Cretæ *Aromatici* cum Opio gr. xl (or ℈ii, *i. e.* gr. i Opii).

To be taken in divided doses, or all at once, in a recent case of Diarrhœa.

Note.—This powder is strongly flavoured with Saffron, which was not present at all in the old Pulv. Cretæ Comp. cum Opio.

The Astringent Extract.

℞ *Extracti Belæ Liquidæ* fl. oz. viii.

One tablespoonful (*i. e.* oz. ss of Bael) to be taken two or three times a day. May be continued, if necessary, for a considerable time.

The Astringent Mixture.

(For Chronic Mucous Diarrhœa, with General Debility.)

℞ *Liquor. Ferri Pernitr.* fl. drs. ii; ℘ dose ♏ xv.
Infusi Cuspariæ ad fl. oz. viii; „ fl. oz. i.
Extracti Opii Liquidi min. xl; „ ♏ xv.
min. v.

Note.—Two tablespoonfuls to be taken three times a day. May be continued for a week or ten days.

The Drop for Dilating the Pupil.

℞ *Liquor. Atropiæ* fl. drs. ii (*i. e.* gr. i Atropiæ).

The drop to be applied to the inside of the lower eyelid every day, or every other day, by means of a quill cut obliquely.

The Obstetric Draught.

℞ *Extracti Ergotæ Liquidi* fl. drs. i (*i. e.* ʒi of Secale).
Aquæ Menthæ Piperitæ fl. drs. vii. M. et ft haustus.

To be taken at once, if intended to assist in labour. If intended for continued employment in spinal affections, the dose of the liquid extract should be min. x or min. xv.

The Menstrual Anodyne.

℞ *Tinct. Cannabis Indicæ* fl. drs. ii.

Seven to fifteen drops to be taken on a lump of sugar, three or four times a day, for one or two days, when there is much dysmenorrhœa.

Note.—The only cases in which I have found Cannabis Indica produce satisfactory results are those of painful menstruation, with either too scanty or too copious a secretion. In the above dose it has frequently afforded great relief. If it does not relieve soon, I have found no benefit from continuing its employment.

The Worm Powders.

(For Round Worms only.)

℞ *Santonini* gr. vi.
Sacchari gr. x. M. et divide in pulv. iii.

One powder to be taken every other night, till the three are finished, unless one or two powders act sufficiently in the meantime. A purgative afterwards is not generally necessary.

The Worm Powders.

(For Tape Worms only.)

℞ *Kamelæ* gr. clxxx (ʒiii). Divide in pulv. iii.

One powder to be taken every three hours, or until the worm is expelled.

Note.—The dose here ordered is a drachm of Kamela every three hours. The inconvenience of using Roman numerals for such large numbers will no doubt prevent their employment; and prescribers will still use the familiar symbol, ʒiii, instead of gr. clxxx, or else the Arabic figures gr. 180.

The Draught for Tape Worms.

℞ *Extracti Filicis Liquidi* min. xxx, vel fl. dr. i.
Mucilaginis Acaciæ fl. oz. iss. M.

To be taken after a six hours' fast, and followed up by several hours' abstinence from anything stronger than a cup of tea. To be succeeded, if necessary, in six or eight hours, by Olei Ricini fl. oz. ss.

The Injection for Thread Worms.

℞ Quassiæ oz. ss.
Aquæ fl. oz. viii.

Boil down to one half, and use the strained decoction as an injection at night; to be followed by a purgative in the morning.

For the Cutaneous Eruption.

℞ *Ferri Arseniatis* gr. $\frac{1}{24}$.
Extracti Glycyrrhizæ gr. ii. M. ut ft. pil.

One pill to be taken two or three times a day for three weeks at a time.

Or,

℞ *Liquor. Sodæ Arseniatis* fl. oz. ss.

Four or five drops to be taken two or three times a day in water, immediately after a meal, for three weeks at a time.

Or,

℞ *Acidi Sulphurosi* fl. dr. i.
Aquæ fl. drs. vii. M. et ft. lotio.

Or a pint may be added to the water of a bath. Most useful in moist eruptions.

For the Vomiting.

℞ *Liquor. Calcis Saccharati* fl. oz. ii.

A small teaspoonful to be taken in a teacupful of milk, as an article of diet, two or three times a day.

For the Sloughing Sores.

℞ *Bone Black* or *Ivory Black* 1 part.
Linseed Meal, 3 parts.
Boiling water to make them into a poultice.

This is far more efficacious than wood charcoal in preventing the smell from sloughing sores.

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